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Precipitation Data From Storage-Gage Stations



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C O N T E N T S

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STORAGE GAGE RECORDS

Introduction

The number of precipitation stations in the United States has greatly increased during the past 25 years. In the West, especially in remote areas, many of these new stations are equipped with storage precipitation gages--gages that require reading and maintenance only at monthly or seasonal intervals. Since June 1948, the records from these storage gages have been published each year in the July or August issue of the "Climatological Data" bulletins of the Weather Bureau. Prior to June 1948, the records appeared in various Weather Bureau publications. So that all of the records may be readily available, they are being republished in four papers of the climatology series. These papers will include all observations through June 1955, or later, reviewed and corrected as necessary. Also, since many of the observations were for irregular periods not necessarily coinciding with calendar months, the observed precipitation amounts have been prorated into monthly values for use by those interested in such values. Beginning this year storage gage observations will be transferred from the "Climatological Data" bulletins to a separate west-wide bulletin. Prorated monthly values will be included along with the observed data.

A brief history of the program and the development of the storage gages is given in this report. An explanation of the methods used in reviewing and prorating these records is also presented.

History of Storage Gage Development

During the past fifty years considerable research has been expended on the development of storage precipitation gages, and during the past twenty-five years many stations have been established. The records from these storage gages have substantially increased our knowledge of the precipitation regimes over many sparsely populated areas of the West, and have been of considerable value in preparing isohyetal maps of mean precipitation. These records have also increased our knowledge of the relationship between precipitation over the high mountains of the West and the resultant streamflow.

A storage gage should provide a representative catch of all forms of precipitation under all ranges of weather conditions and should have storage capacity for an accumulated annual catch if necessary. One of the major problems, and one which is still receiving considerable attention, is the adverse effect of wind on the precipitation catch. In 1878, F. E. Nipher, physicist and professor at the University of Iowa, experimented with a trumpet-shaped windshield made of sheet metal and found that a shielded gage received more rainfall during high winds than an unshielded gage. Later, Professor C. F. Marvin, long-time chief of Weather Bureau, designed a gage with solid (rigid and without breaks)

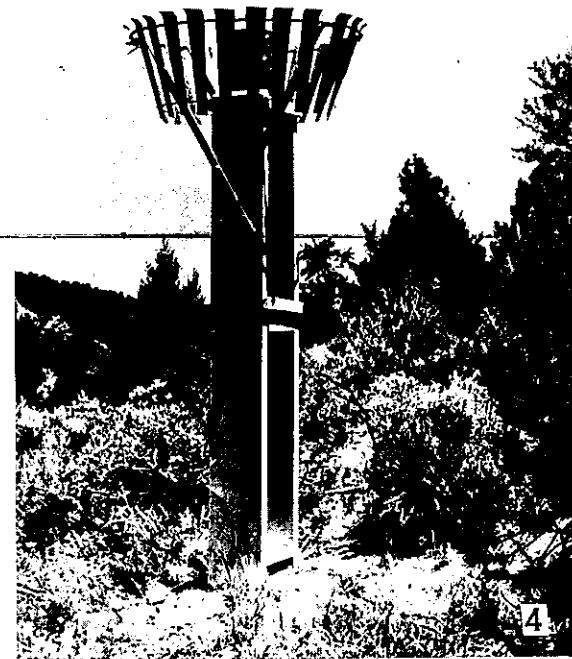
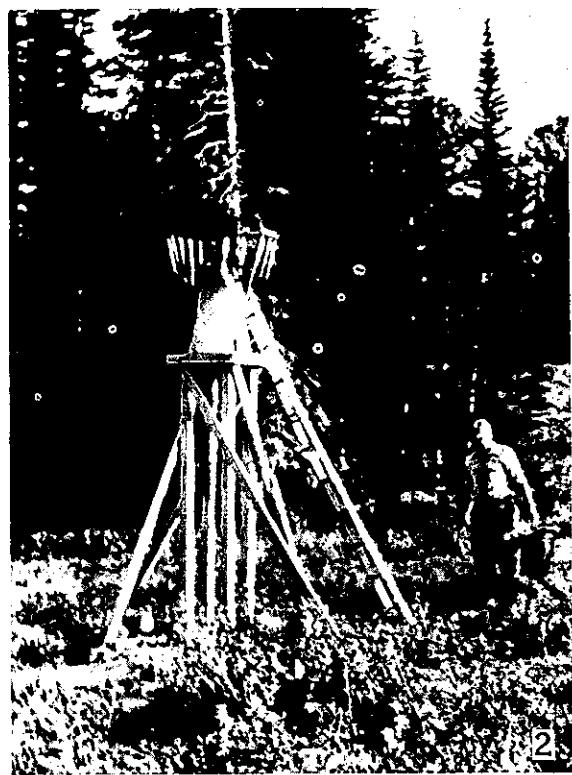
windshield for use in measuring amounts of precipitation that fell as snow. (The more recently developed and currently used gages, as well as the Marvin type, are pictured on pages two and three.) This gage performed satisfactorily in windy weather, but in calm weather the inflexible, shelf-like metal shield sometimes collected considerable quantities of snow which occasionally blew into or obstructed the opening of the gage.

In 1907, J. Cecil Alter, then of the Salt Lake City Weather Bureau Office, made a six-month seasonal test of an unshielded gage. Mr. Alter exposed the gage adjacent to an official tipping-bucket gage and used an oil film in the storage container to minimize evaporation. The six months' catch in the seasonal gage accounted for 97 percent of the sum of the daily measurements from the official gage. During the next few years, Mr. Alter experimented with various types of shields to overcome the effects of high winds on the catch, and he tested various types of anti-freeze agents which might be used to prevent freezing of the solution in the gages. Sodium chloride (common salt) solution was first used, but later was replaced by calcium chloride because of its lower freezing point. Corrosive-resistant paints were used to coat the insides of the storage gages to resist chemical reaction between the brine solution and the metal container.

Later, the "Alter windshield"** was developed as a result of actual field testing of twenty-five different types of windshields. This shield had wooden leaves suspended from a ring surrounding the gage. The inward movement of the lower ends of these leaves when the wind was blowing appreciably reduced the up-drafts that would ordinarily disrupt the catch. The leaves were later made of metal for durability. The shield being flexible and responsive to light breezes helped prevent snow from accumulating on it during periods of snowfall in relatively calm weather, a characteristic which was the main disadvantage of the Marvin shield.

To insure that the storage gages would not be covered by deep snow packs, towers of sufficient height were

*The currently accepted design of the Alter windshield has thirty tapered, stiffened leaves, 16 inches long and uniformly spaced around the rigidly supported horizontal ring. This ring is 48 inches in diameter and concentric with the catch ring of the gage. The leaves are hung so that with a breeze their lower ends swing in toward the gage on the upwind side of the gage. In their vertical position the tops of the leaves are one-half inch higher than the level of the gage opening. From the wind-tunnel work of Warnick at University of Idaho, this distance has been found to give the maximum catch. All shields at Weather Bureau gage installations now conform with this one-half inch specification.



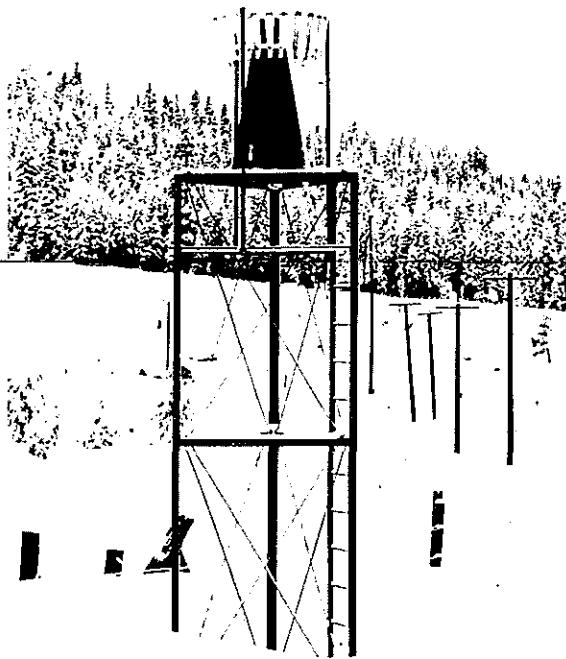
STORAGE GAGES

1. An early, Marvin-type gage and shield.
2. Sacramento gage, 100" size, on non-standard wooden tower.
3. An 8 x 42" gage, with lath shield, on two-legged steel tower. Gage can be in weighing position.
4. An 8 x 42" gage on wooden support.
5. An 8 x 36" gage on four-legged steel tower.
6. Sacramento gage, 200" size, on three-legged steel tower.
7. A three-section standpipe gage.

All gages pictured, with exception of the Marvin gage, are equipped with Alter-type windshields. The lath prototype shields (picture 3) have given way to metal-leaf shields. A recent, although not latest, model of the Alter windshield is shown on the standpipe gage.



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built to keep the tops of the gages above the expected maximum accumulation of snow. It was found that towers of steel construction were the most suitable. Two-legged towers were used where the accumulation of snow was expected to be relatively light, while three- or four-legged towers were used in areas of heavy snows.

The receiver of the first storage gages was cylindrical, eight inches in diameter, and either 24 or 36 inches in depth. The can and its contents were weighed by means of a dial-type scale. The original records were observed in pounds and ounces, necessitating conversion to equivalent depth, but later the scales were redesigned to read directly in inches of precipitation.

During the winter of 1937-38, twenty storage gage stations were in operation in the West. Thirteen of these stations were in the Sangre de Cristo Mountains of New Mexico, four in Utah and three in Yellowstone Park. For testing purposes, each station was equipped with a battery of five storage gages. The gages were on steel towers and equipped with Alter-type windshields. There was very good correspondence in the amount of precipitation recorded by the five gages at a station, especially when the exposures of the gages were similar. At stations not meeting this requirement, variations in the measured amounts of precipitation were noted. From these studies and others, it was concluded that exposure on windswept plains, open mountain tops, steep slopes or ridges should be avoided. In general, the best sites do not have strong wind nor are they near places where the air flow changes direction sharply. Small forest clearings are considered ideal.

Following the experiment with the 20 stations, many additional eight-inch gages were installed. However, at most of these new stations only one gage was used, with special attention given to the proper exposure of the gage. The storage capacity of some of the gages was increased by lengthening the containers to 42 or 48 inches. At some locations, snowbound and inaccessible for long periods, even the larger storage cans did not have sufficient capacity.

The Sacramento storage gage was one of the first gages to be used extensively at very remote locations for measuring accumulated seasonal precipitation. This gage consists primarily of a conical storage reservoir (side slope of 6:1) tapering to an eight-inch catch ring at the top. These gages are mounted on three-legged towers, have capacities of 60, 100, 200 or 300 inches and are equipped with the Alter-type windshield. The accumulated catch is determined by weighing the contents of the gage once or twice a year. Intermediate measurements of precipitation can be made by using a measuring stick to determine the depth of the liquid in the gage. The depth measurements are converted to inches of precipitation by means of tables.

The latest type of storage gage to be developed and put into use by the Weather Bureau is the standpipe gage. This gage is fabricated of 10-gauge steel pipe, 12 inches in diameter, in five-foot sections. A truncated cone, 18 inches long, forms the top section of the gage and reduces to an 8-inch diameter catch ring. One advantage of this type of gage is that it does not require

a mounting tower. The gage forms its own support from ground level to catch ring and is secured to a solid base or foundation to hold the gage in vertical position. Sufficient sections are used to place the catch ring above the maximum accumulated snow and to give needed storage capacity. Vertical sides result in uniform increments of vertical storage throughout its entire capacity, which means that a constant factor (2.13) can be used in converting to equivalent precipitation. A non-storage base section is part of each standpipe gage. This permits a drain assembly at a convenient level at the bottom of the storage sections, from which the contents may be withdrawn for weighing. The accumulated catch is determined by weighing the contents once or twice a year as is done for the Sacramento-type gage. Interim measurements may be obtained by measuring the depth of the solution in the gage and computing the difference from the previous measurement.

Original Publication of Data from Storage Gages

Prior to 1940, data from storage gages were published in the "Climatological Data" for the various sections.

Publication of the "Hydrologic Bulletins" was begun in January 1940, primarily for the data from the recording precipitation gage network, but most of the storage gage data was shifted to these bulletins. Footnotes were used to indicate the observation period for the storage gage records. The "Hydrologic Bulletins" were issued for basin areas rather than for States as is the practice with the "Climatological Data". In June 1948, the Weather Records Processing Centers were established and all of the precipitation records of the Weather Bureau were included in the "Climatological Data" processed by these centers. Instead of publishing the storage gage data monthly, the records were published annually (first in the June bulletin but later in the July issue) since the more remote gages are read only once or twice a year.

Verification and Republication of Data

For the purposes of this series of publications, the original records from all of the storage precipitation gage stations were assembled for complete review and were thoroughly checked for accuracy of computations. Occasionally, an incorrect precipitation catch was reported when an erroneous recharge weight was brought forward on the observational forms. Errors of this type and others resulting from the experimental nature of the program have been eliminated as much as possible by rechecking the calculations. A final review of the accuracy of the records, the methods of observation, and the types of equipment used was made to screen out the few records not considered reliable by present-day standards. The storage gage observations that are published in Table 1 of this report, with minor exceptions, have been compared with the original entries. No attempt was made to estimate missing data for stations under Table 1. The type of storage gage used at each precipitation station may be found by referring to the station history appendix. The locations of the stations are also given in the station histories and are shown on the maps immediately following this narrative report.

Prorated Monthly Amounts

Monthly precipitation totals are of more value in many hydrometeorological applications than the period precipitation totals initially obtained from storage gage stations. For this reason the seasonal or period measurements have been prorated to monthly values. Two or three nearby, reliable stations with daily precipitation readings were selected as prorating stations. Ratios between the records of these stations and the storage gage station were used to estimate monthly values from the observed seasonal or period precipitation totals. The prorated monthly amounts for the stations covered by this report appear in Table 2. The accuracy of these values is dependent upon how the precipitation was distributed during the observational periods and how frequently the storage gage was measured, as well as upon the accuracy of the original observations. For many storage stations, practically monthly precipitation amounts were recorded. For other stations where observations were made only a few times during a year, the monthly prorated values are less accurate. These latter prorated monthly data should be used only when approximate monthly totals of precipitation are of value. Where only a short period of record was missing, values to complete the record have been interpolated by using the data from the nearby prorating stations. Partially and completely estimated monthly

data are identified by footnotes. In some cases, monthly data from a daily precipitation station at the same location as the storage gage have been used to complete or extend the record.

Station Histories

The appendix gives a tabulation of station history information for the storage gage stations. Station location and elevation, known changes in the station such as the installation of a shield, changes in the number or type of gages, moves, and changes in exposure are tabulated.

Acknowledgment

Several years ago the Water Supply Forecast Unit, Salt Lake City, took on the task of assembling and reviewing all storage-gage records preparatory to publishing them in consolidated form. Publication has now been accomplished in four sections under the Climatography Series. Acknowledgment is made here of the considerable work entailed in compiling these data by the staff of the Water Supply Forecast Unit, Mr. E. L. Peck, Hydrologist in Charge, Messrs. E. S. McDonough and E. G. Christensen and Mrs. Marilyn W. Gianelo, assistants; and the review and coordination for publication performed by Mr. W. W. Lamoreux of the Hydrologic Services Division.

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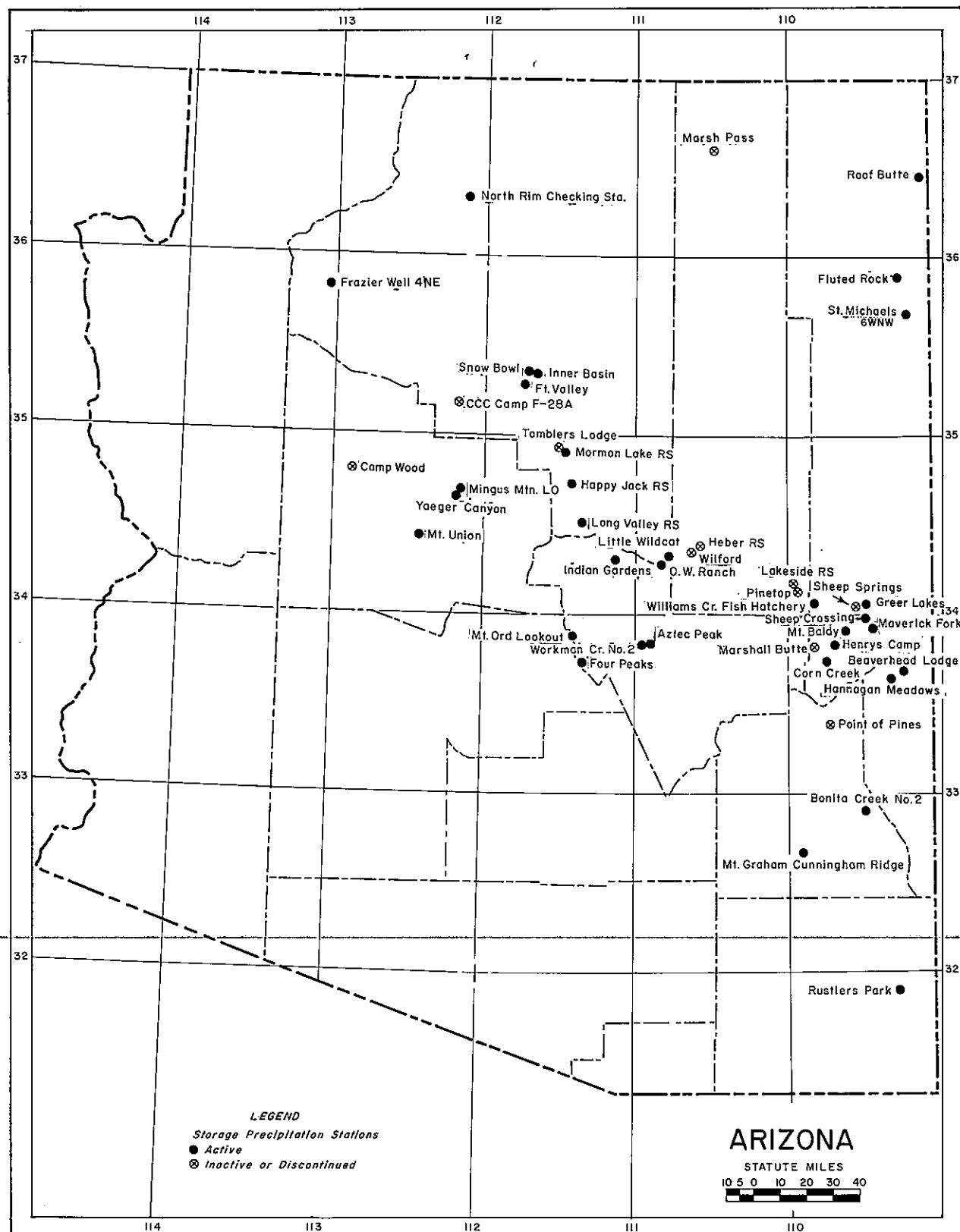
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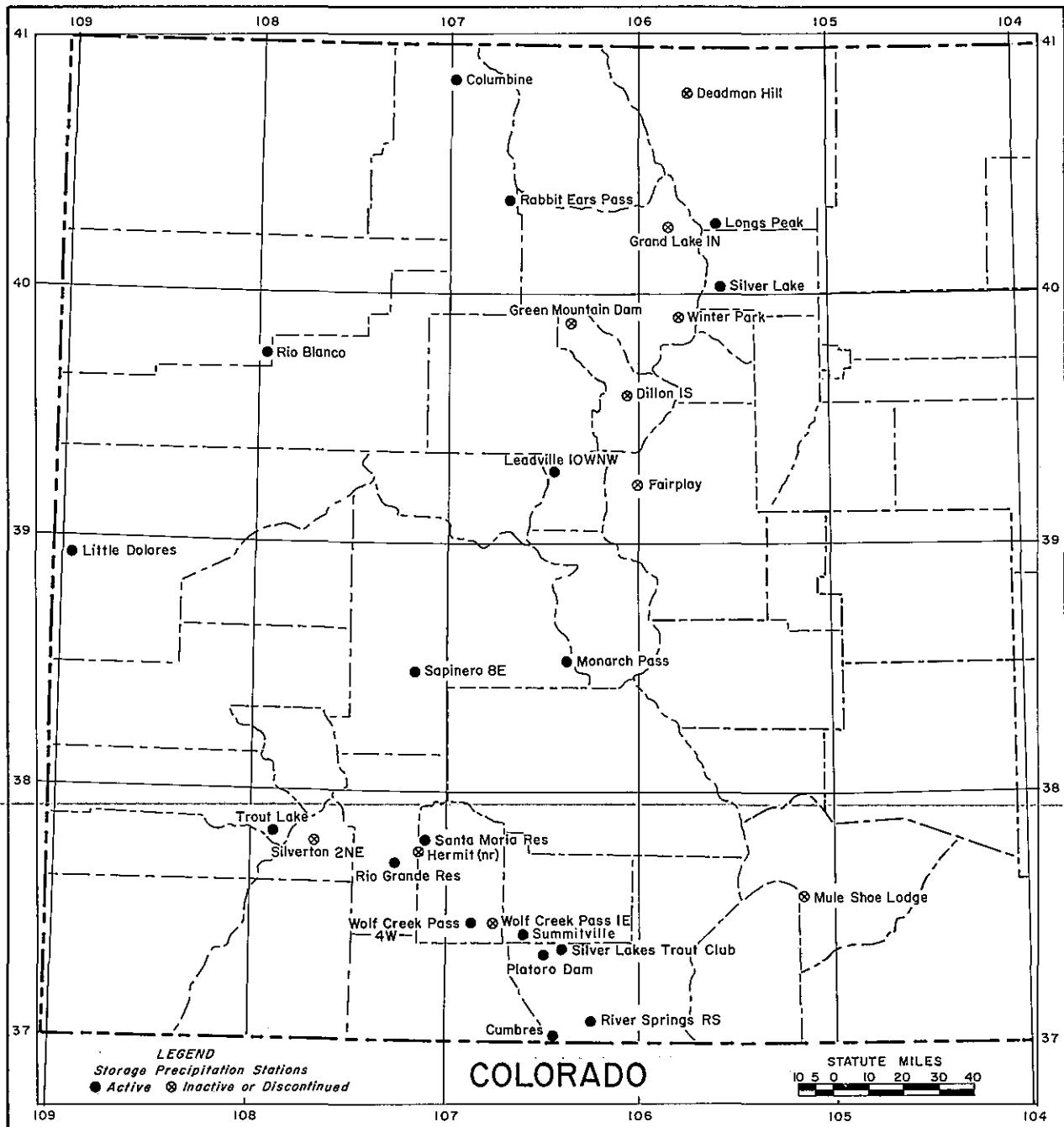
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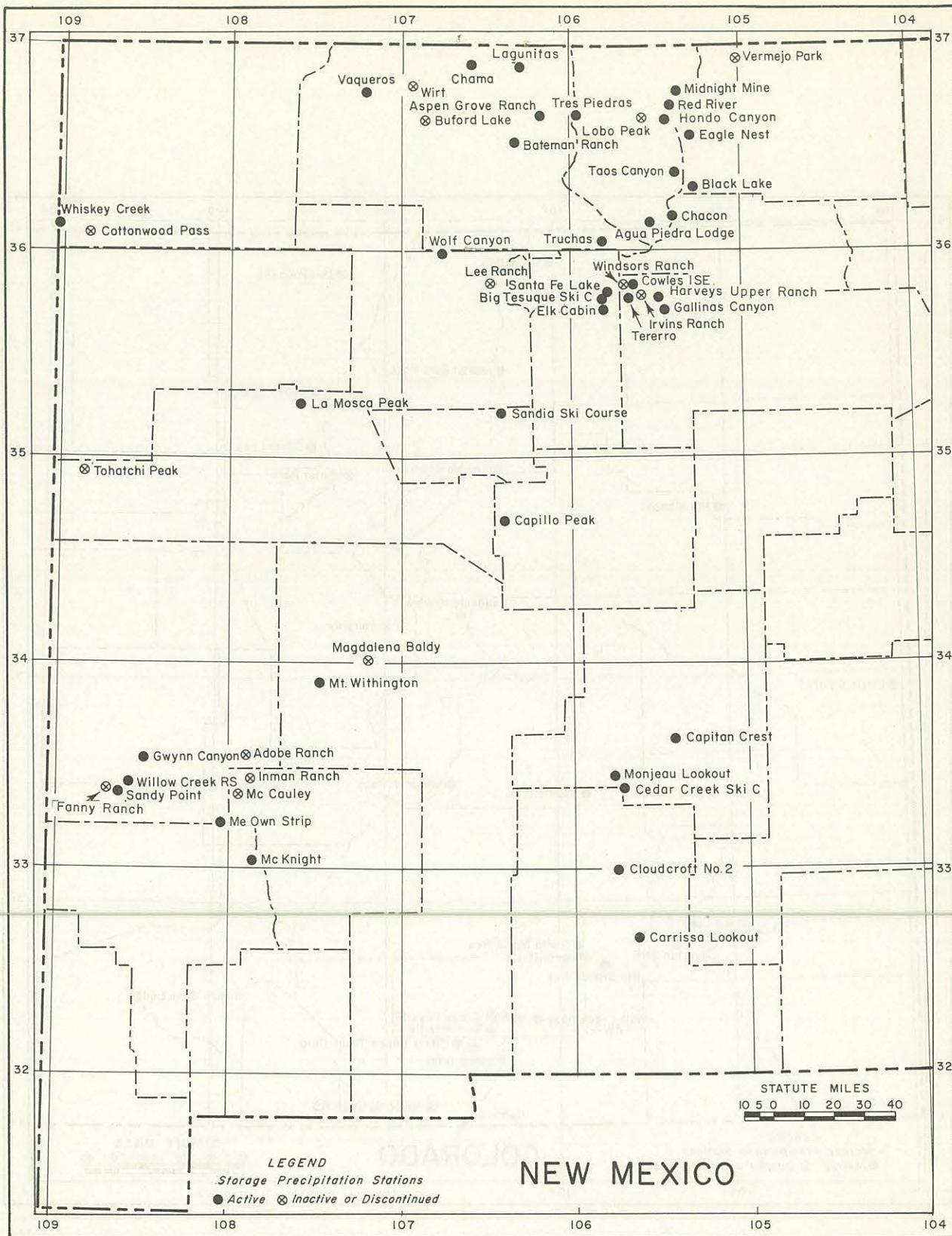


Table 1

Precipitation Measurements

ARIZONA

Observation date	Amount since last obs. (inches)	Snow on grnd. (in.)	Observation date	Amount since last obs. (inches)	Snow on grnd. (in.)	Observation date	Amount since last obs. (inches)	Snow on grnd. (in.)	Observation date	Amount since last obs. (inches)	Snow on grnd. (in.)	Observation date	Amount since last obs. (inches)	Snow on grnd. (in.)	
Aztec Peak															
1951 Nov 13			1940 Aug 20	.48		1942 Mar 2	1.26		1944 Jan 31	.00	3	1945 Jul 22	.26		
			22	.90		8	.03	12	Feb 7	.28	2	26	.24		
1952 Jan 29	8.95		25	1.10		11	.02	10	9	.13	4	29	.66		
Jun 12	12.80		31	.05		17	.41	11	10	.04	3	31	.39		
Jul 24	2.00		6	.45		25	.04	4	17	.35	4	Aug 3	.22		
Aug 7	.69		12	.21		31	.00		22	.23	3	5	.97		
9	.11		19	.71		5	.05	1	22	.22	7	9	.87		
13	.70		23	.68		8	.15	1	29	.00	3	13	.49		
16	.26		25	1.46		12	.55	3	Mar 3	.13	4	16	.50		
21	1.40		30	.00		25	.03	1	6	.01	2	21	.20		
25	1.02		Oct 6	.20		30	.03	1	15	.77	6	23	.75		
29	.23		11	.17		May 22	.06		31	.00		31	.62		
Oct 2	-		31	.77		31	.00		19	.20	3	11	.36		
30	.00		Nov 11	.25	1	Jun 30	.00		21	.14	2	30	.74		
1953 Apr 22	-		20	1.65	6	Jul 31	3.89		27	.04	0	Oct 8	1.16		
Jun 3	1.45		24	.52		Aug 4	.93		Apr 10	.37	3	10	.28		
17	.03		30	.00	4	8	.34		14	.24	2	13	.11		
Jul 1	.00		Dec 10	.21		12	.69		22	.09	1	24	.35		
8	1.52		12	1.02		15	.16		30	.01	0	31	.00		
Oct 15	5.65		17	.49		18	1.62		May 2	1.05		Nov 8	.01		
1954 May 27	19.90		25	.66		21	.24		Aug 10	.37	3	30	.00		
Jul 7	.96		26	1.66		25	.36		11	.01		Dec 2	.03		
10	.59		31	.99	15	31	.00		15	.01		13	.52	5	
11	.20		1941 Jan 6	.13		Sep 4	1.44		31	.00		24	1.11	1	
13	.04		11	.27		7	.48		Jun 29	.02		31	.00		
17	.11		13	.42		12	.07		30	.07		1946 Jan 4	.33	3	
18	.14		15	.33		15	.42		Jul 3	.35		6	.21	4	
21	.46		23	.15		30	.00		4	1.00		10	.65	9	
23	.51		25	.50		Oct 5	.14		7	.43		13	.23	10	
24	.42		31	.82		10	.19		14	.10		18	.04	3	
Aug 3	.57		Feb 7	.76		14	.04		19	1.06		28	.00		
4	.40		13	.06		19	.52		22	.48		Mar 5	.25	2	
5	.55		17	.16		20	.09		31	.00		14	.15	1	
7	.57		21	.68		31	.37		Aug 6	1.22		20	.86	1	
8	1.18		25	.48		28	.00		8	.82		26	.01	0	
9	.73		28	.00	19	30	.00		Sep 6	.13		31	.00		
10	.42		31	.64	19	31	.00		13	.10		Apr 6	.36		
Sep 1	2.40		6	.14		31	.00		16	.13		20	.02		
Oct 6	4.45		1943 Jan 5	.13	6	1943 Jan 5	.13	6	25	.96		25	.03		
1955 Jun 1	8.73		8	.52		18	.46	11	16	.13		28	.09		
Beaverhead Lodge			25	.42		25	.95	14	25	.35		May 10	.15		
1938 Nov 19			30	.00	6	18	.55	16	30	.00		31	.00		
1939 Jan 1	1.94		May 3	.88		28	.55	16	31	.00		Jun 14	.28		
14	1.72		5	.11		31	.00	13	29	.39		16	.06		
31	1.07		31	.04		Feb 4	.16	12	31	.00		Apr 6	.36		
Mar 1	1.96		Jun 23	.10		10	.35	16	31	.00		20	.02		
31	1.93		24	.86		28	.00	3	Oct 2	.22		22	.01		
Apr 30	2.13		30	.00		12	.10	3	30	.09		30	.00		
May 31	2.00		Jul 8	1.36		19	.25	1	13	.26		Jul 3	.09		
Jun 30	.06		10	.07		24	.04	0	25	.22		27	.03		
Jul 31	3.09		12	.52		31	.00	0	28	.81		30	.00		
Aug 7	.72		16	1.14		Feb 9	.18	1	30	.39		Jul 31	.09		
15	.48		21	1.28		10	.29		31	.00		31	.30		
22	.93		24	.63		20	.12		Dec 5	.16	5	Aug 31	10.23		
31	1.96		31	.01		26	.52		24	.57	5	Sep 4	.11		
Sep 10	1.48		Aug 2	.30		29	.29		26	.50	9	Aug 12	.37		
18	.27		6	.66		30	.00		14	.27	10	14	.31		
Oct 1	.00		10	1.06		Jul 8	.36		30	.02	8	18	1.59		
31	1.72		13	.39		13	.60		31	.00	7	30	.24		
Nov 30	1.86		14	.31		15	.55		1945 Jan 7	.01	5	Oct 5	.37		
Dec 26	1.81	12	15	.98		19	2.00		11	.01	4	10	.18		
31	.00	6	17	1.85		21	.11		17	.83	11	29	.85		
1940 Jan 8	1.06	14	19	1.02		26	.24		21	.57	15	31	.00		
31	.41	7	23	.22		29	.15		23	.74	22	Nov 4	.46	2	
Feb 2	1.74	16	31	.47		31	.12		27	.61	24	9	.72	5	
8	.31		15	.77		Aug 5	.09		31	.00	19	25	.55	1	
29	.65		19	1.05		10	.29		14	.28	2	30	.00		
Mar 12	.46		22	.40		14	1.58		16	.82	8	Dec 27	.81	3	
31	.25		23	.20		21	.38		17	.02	7	Feb 3	.06	8	
Apr 7	.17		29	4.41		23	.20		21	.31	10	31	.00	6	
18	.18		30	.00		26	.96		26	.08	6	1947 Jan 3	.23	9	
24	.72		Oct 4	1.08		30	.72		28	.00	5	15	.12	7	
30	.02		27	1.72		31	.12		14	.37	12	29	.24	9	
May 12	.03		27	1.72		31	.13		16	.30	11	31	.00	8	
16	.36		31	.09		24	2.21		19	.10	9	Feb 27	.33	3	
25	1.24		Nov 14	.91		27	1.04		25	.83	10	28	.06	0	
31	.00		19	1.19	8	30	.00		27	.01	7	6	.20	1	
Jun 20	.34		23	.21		Oct 20	1.09		31	.00	4	9	.13		
26	.69		30	.00		30	.38		11	.10	0	31	.00		
30	.42		Dec 12	1.71	15	Nov 24	.08		16	.01		Apr 3	.06		
Jul 16	.11		21	.08	10	26	.02		24	.08		10	.03		
18	.52		27	.41	12	30	.00		30	.00		30	.00		
25	.03		31	.46	18	Dec 7	.07	1	31	.00		May 8	.02		
26	1.26		1942 Jan 3	.77	31	10	1.26	6	30	.00		9	.23		
31	.06		14	.09	20	13	.19	5	May 14	.13	1	May 8	.02		
Aug 3	.71		31	.00	12	23	.02	1	Jun 11	.20	1	16	1.21		
8	.69		31	.00		27	.59	7	30	.00		23	.17		
12	.34		Feb 12	.07	8	31	.00	5	Jul 5	.03		31	.00		
13	.63		15	.52	14	1944 Jan 8	.04	4	7	.37		Jun 17	.25		
16	.88		18	.28	17	Jan 8	.04	4	10	.12		19	.14		
			26	.41	12	25	.76	7	17	.58		30	.00		
			28	.67	19	26	.06	6	19	.51					

Note: See page 47 for explanation of reference symbols and other notes.

Table 1 continued

Precipitation Measurements

ARIZONA

Observation date	Amount since last obs. (inches)	Snow on grnd. (in.)	Observation date	Amount since last obs. (inches)	Snow on grnd. (in.)	Observation date	Amount since last obs. (inches)	Snow on grnd. (in.)	Observation date	Amount since last obs. (inches)	Snow on grnd. (in.)
Beaverhead Lodge, cont.											
1947	.34		1949	.14	33	1951	.83	10	1952	.33	
Jul 3	.09		Feb 9	.29	32	Jan 31	.09	2	Aug 7	.06	
4	.65		13	.45	25	Feb 13	.11	2	10	.35	
6	1.56		Mar 8	.80	19	17	.14	6	12	.35	
9	.29		21	.14	6	19	.61	6	13	.26	
16	.23		24	.10	5	25	.02	3	14	.73	
23	.93		Apr 3	.22	2	Mar 3	.58	8	22	.04	
31	.00		31	.23	5	11	.11	-	23	.31	
Aug 4	.73		30	.06	4	28	.54	2	24	.45	
5	.79		31	.23	5	30	.06	0	26	.97	
8	.32		Apr 3	.22	2	Apr 6	.39	4	31	.18	
12	.11		30	.00		9	.27	1	Sep 22	.71	
13	1.13		May 11	.21		6	.23		24	.60	
15	.67		26	.08		30	.70	3	28	1.10	
20	.80		27	.86		May 2	.23		Oct 31	.00	
23	1.09		31	.09		6	.23		Nov 2	.20	
27	.40		Jun 30	.00		Jun 30	.00		16	.79	8
28	.35		Jul 11	.33		Jul 11	.33		24	.71	
30	.59		12	.16		14	.16		30	.00	10
31	.03		14	.05		17	.07		Dec 1	.45	12
Sep 8	.68		17	.12		18	.14		17	.95	19
Oct 18	.55		22	.34		23	.12		20	.34	18
Oct 2	.14		24	.05		24	.37		23	.05	19
14	2.46		30	.05		29	.32		31	.25	
31	.00		Jul 3	.31		31	.08	19	9	.18	
Nov 11	.08	1	5	.18		31	.79		10	.12	
12	.41	4	9	.39		31	.12		12	.10	
17	.30	3	12	1.18		Aug 2	.32		Jan 6	.21	20
19	.84	9	18	.12		24	.32		31	.00	7
20	.06	7	20	.13		25	.19		Feb 9	.03	4
23	.20	5	24	1.45		27	.27		10	.13	6
30	.00	2	27	.10		29	.21		13	.10	5
Dec 3	.81	8	31	.14		31	.11		19	.12	4
9	.28	8	Aug 3	.69		21	.11		23	.54	10
30	.53	6	23	.03		24	.15		28	.28	8
31	.00	4	28	1.64		25	.07		Mar 3	1.29	21
1948	.66	9	31	.28		26	.50		9	1.01	5
28	.47	7	Sep 4	.19		27	1.15		16	.25	4
31	.00	4	8	.38		28	1.53		31	.07	0
Feb 4	.72	10	10	.20		31	.00		Apr 23	.46	
7	.25	11	14	.52		31	.13		28	.30	
12	.58	13	17	.27		30	.00		30	.00	
24	1.34	18	21	1.34		Oct 12	.06		May 16	.57	
26	.38	20	30	.28		22	.03		Jun 12	.24	
29	.45	20	Sep 4	.44		25	1.99		15	.38	
Mar 3	.49	23	9	.04		30	1.10		30	.38	
10	.72	25	15	.19		Nov 11	.55	2	31	.00	
16	.33	17	19	1.25		24	.42	5	Jul 1	.14	
19	.19	14	22	.26		30	.00	5	3	.05	
22	.19	12	31	.00		Dec 3	.49	-	4	.13	
31	.24	5	Nov 30	.15		8	.51	9	5	.88	
Apr 21	.09	1	Dec 1	.24		13	.09	-	8	.40	
30	.00		10	.18		19	.71	14	9	.29	
May 18	.04		12	1.13	11	24	.16	9	12	.38	
31	.00		17	.09	8	30	1.56	11	15	.02	
Jun 2	.42		21	.27		31	.00	10	16	.02	
7	.21		31	.00	5	1952	.13	14	19	.07	
8	.54		1950	.38	8	Jan 3	.09	11	21	.29	
9	.16		18	.32	8	9	.09	11	22	.05	
29	.18		Jan 4	.38	8	13	3.17	10	24	.03	
Jul 16	.03		13	.32	8	18	3.17	9	25	.79	
19	.94		25	.22	4	31	.00	9	28	.20	
21	.63		29	.39	9	Feb 9	.43	11	31	.13	
23	.88		31	.00	6	12	.21	13	31	.15	
25	1.40		Feb 12	.39	5	13	.00	18	Aug 10	.18	
26	1.17		27	1.13	2	14	.09	13	13	.07	
28	.79		28	.00	0	18	.03	12	14	.40	
Aug 2	.07		Mar 3	.61	2	23	.01	12	16	.45	
5	.46		27	.54	3	29	.00	10	18	.33	
7	1.10		31	.00	0	Mar 2	1.27	26	19	.61	
10	.16		31	.06		9	.03	20	31	.26	
12	.21		30	.00		11	.33	25	30	.00	
14	1.95		May 5	.19	1	13	.14	24	Oct 19	.18	
18	.05		31	.00	0	17	.27	19	29	.13	
31	.51		Jun 24	.40		20	.05	17	31	.00	
Sep 14	.16		30	.00		22	.08	16	Nov 5	.20	
16	.45		Jul 4	.77		24	.11	15	19	.55	
18	.91		8	.39		31	.00	7	30	.00	
26	.52		10	.53		Apr 8	.05	0	Dec 1	.12	2
30	.12		13	.65		11	.08		4	.36	5
Oct 5	.05		17	.27		17	.04		11	.05	1
15	.02		20	.31		21	.50		27	.10	
19	.69		23	1.06		24	.24		31	.00	
27	.24		27	.90		27	1.03		Camp Wood		
31	1.25		31	.43		28	.19				
Nov 27	.07		Aug 5	.06		30	.00		1954		
30	.00		9	.35		May 18	.07		Jan 9	.06	1
Dec 4	.04	1	14	.34		26	.13		13	.47	6
15	.28	1	19	.15		29	.57		19	1.17	17
24	2.53	2	27	.18		31	.00		25	.06	5
26	.62	2	31	.00		Jun 3	1.74		Oct 6	.00	3
29	.49	2	Sep 7	.92		18	.02		31	.31	4
31	.00	0	17	.18		30	.01		Feb 14	.06	1
1949	.62	6	19	.59		Jul 6	1.55		Mar 4	.39	4
Jan 3	.62	6	30	.11		8	.38		10	.02	0
11	2.50	10	31	.00		15	.75		17	.12	1
13	4.27	12	Nov 15	.16	T	21	.10		22	1.28	
16	2.47	21	30	.00		23	.15		19	2.48	
19	1.03	30	Dec 26	.02	T	26	.38		23	1.53	2
21	.03	29	31	.00		29	.06		Feb 14	.00	3
24	1.10	35	31	.00		30	.12		Mar 4	.06	1
27	.99	41	1951	.53	6	Aug 2	.04		1943	.25	
31	.00	34	Jan 2	.56	5	5	.16		Jan 17	.25	
Feb 4	.03	32	12	.56		15	.75		23	2.45	
						17	.10		27	.35	
						21	.06		Feb 9	.51	
						23	.19		17	.06	
						31	.00		24	.88	
						31	.00		Mar 5	1.66	

Table 1 continued

Precipitation Measurements

ARIZONA

Observation date	Amount since last obs. (inches)	Snow on grnd. (in.)	Observation date	Amount since last obs. (inches)	Snow on grnd. (in.)	Observation date	Amount since last obs. (inches)	Snow on grnd. (in.)	Observation date	Amount since last obs. (inches)	Snow on grnd. (in.)	Observation date	Amount since last obs. (inches)	Snow on grnd. (in.)	
Camp Wood, cont.															
1943 Mar 10	.37		1945 Aug 13	.66		1948 Mar 12	.54		1941 Dec 11			1941 Jan 31	.96	21	
11	.06		24	1.11		19 Mar 19	.91		17	.09		Feb 28	2.52	10	
17	.00		Sep 1	.03		22	.20		24	.15		Mar 10	.92	5	
18	.11		3	.36		Apr 1	.00		31	3.45		20	1.36	1	
19	.07		12	.31		12	.04					31	.46	0	
Apr 12	2.18		Oct 1	.00		Jun 1	.00					Apr 15	3.37	8	
May 1	.00		10	1.17		8	.25		Jan 7	.48		30	.52	0	
5	.14		15	.10		Jul 7	.00		31	.00		May 31	.63		
31	.00		Nov 1	.00		19	.15		Feb 14	.06		Jun 30	.89		
Jun 25	.05		12	.02		21	.99		21	.00		Jul 31	2.06		
30	.00		30	.02		24	1.00		28	.54		Aug 31	1.76		
Jul 30	.89		Dec 1	.00		31	.56		Mar 14	2.20		Sep 30	3.11		
Aug 5	.17		14	.82		Aug 3	.37		21	.15		Oct 31	4.92		
8	.52		24	2.86		10	.92		31	.00		Nov 30	1.08		
11	.20					27	.07		Oct 12	-		Dec 31	3.70	37	
13	.06					31	.26		Dec 31	4.87					
20	1.15		1946 Jan 1	.00											
30	.29		4	.47											
Sep 1	.00		7	.19											
6	.05		18	.04											
13	.16		Feb 1	.00											
20	.10		27	.14											
27	2.42		Mar 1	.00											
Oct 1	.00		5	.10											
10	.37		6	.50											
19	2.14		15	.37											
30	.06		23	.39											
Nov 1	.00		Apr 1	.00											
22	.18		3	1.77											
Dec 1	.02		9	.94											
7	.00		May 1	.00											
13	1.01		15	.03											
22	1.14		27	.14											
1944 Jan 1	.10		31	.00											
7	.01		Jul 1	.00											
14	.00		5	.16											
28	1.21		15	.36											
31	.00		19	1.05											
Feb 9	.73		28	.92											
21	2.75		Aug 1	.00											
25	2.94		6	1.26											
Mar 1	1.01		12	.44											
*	1.99		19	.45											
Apr * 2.11			23	.78											
May 8	.00		Sep 1	1.02											
18	.20		9	.00											
26	.00		16	1.33											
Jun 1	.02		Oct 1	.86											
28	.00		7	.89											
Jul 1	.35		14	.00											
7	.06		29	.90											
17	.00		Nov 1	.00											
21	.50		15	1.80											
24	.75		24	.96											
Aug 1	.00		Dec 1	.00											
11	.23		9	.44											
20	2.10		16	.00											
Sep 1	.00		12	.33											
10	.03		28	.62											
13	.27		Mar 27	1.05											
18	.18		Apr 1	.00											
28	.22		10	.42											
Oct 1	.00		May 1	.00											
12	.13		14	.09											
25	.11		19	.28											
Nov 1	.00		Mar 1	.00											
8	-1.13		18	.28											
13	1.11		Apr 1	.00											
20	.79		10	.03											
27	.12		May 1	.00											
Dec 1	.00		12	.51											
4	.33		19	.46											
11	.00		26	.02											
29	2.42		10	.01											
1945 Jan 1	.00		9	.24											
17	.03		Aug 1	.17											
27	2.03		7	1.82											
Feb 1	.00		14	.24											
5	.47		18	1.87											
17	.23		25	1.22											
23	.08		Sep 1	.07											
26	.03		31	.38											
Mar 1	.00		Mar 1	.18											
6	3.24		27	.21											
14	.15		Oct 1	.00											
15	.65		7	.49											
31	2.11		20	.18											
Apr 1	.00		Nov 1	.00											
11	.49		14	.25											
18	.13		17	.15											
May 1	.00		28	.80											
2	.02		10	2.38											
9	.03		20	.00											
31	.00		1948 Jan 1	.91											
Jun 11	.06		27	-											
30	.00		28	.55											
Jul 7	.14		29	3.78											
9	.30		Sep 1	.00											
18	1.11		30	.76											
31	2.88		10	1.69											
Aug 1	.00		20	.00											
10	.84		Mar 1	.81											

Table 1 continued

Precipitation Measurements

ARIZONA

Observation date	Amount since last obs. (inches)	Snow on grnd. (in.)	Observation date	Amount since last obs. (inches)	Snow on grnd. (in.)	Observation date	Amount since last obs. (inches)	Snow on grnd. (in.)	Observation date	Amount since last obs. (inches)	Snow on grnd. (in.)
Fort Valley, cont.											
1945 Feb 7	.58		1949 Oct 31	3.25		1954 Feb 1	1.53		1949 Oct 29		
17	.00	8	Nov 15	.98	6	Mar 15	1.64		Dec 1	1.33	T
21	.13		30	.00	0	Mar 1	.04		31	1.35	3
28	.07	5	Dec 15	.97		15	.02				
Mar 9	1.48		31	.70		31	5.02				
19	1.38					Apr 30	.13				
31	1.45	13				May 1	.98				
Apr 30	.82					15	.01				
May 31	.03					Jun 5	.21				
Jun 30	.05					15	.00				
Jul 31	2.69					Jul 1	.96				
Aug 31	2.68					15	2.27				
Sep 30	.32					Aug 1	1.30				
Oct 23	1.05					30	2.00				
31	.00					Sep 15	1.98				
Nov 30	.16	0				Oct 1	.19				
Dec 15	.77					15	.78				
31	2.37					Nov 1	.00				
						1943					
1946 Jun 4	.18	8				Jan 2	2.10				
7	.65					30	1.45				
9	.24	20				Feb 28	.90				
15	.04					Mar 15	1.15				
31	.00	6				Apr 30	.30				
Feb 5	.35					May 31	1.25				
9	.00					1955					
17	.53	12				Jan 15	2.21				
28	.00	4				31	1.04				
Mar 22	1.59	4				Feb 15	.35				
31	.04	T				28	3.02				
Apr 30	4.74	0				Mar 15	.10				
May 31	.40					31	.25				
Jun 30	.00					Apr 15	.02				
Jul 31	2.63					May 2	1.13				
Aug 31	5.23					1944					
Sep 30	.80					Jan 1	1.01	3			
Oct 31	1.45					Jun 1	.16				
Nov 23	1.70					15	3.72				
30	.91					Feb 28	.90	6			
Dec 31	1.60	10				Mar 31	.95				
						Apr 29	.70				
1947 Jan 31	.81	5				May 31	.45				
Feb 28	.44	T				Jun 30	.00				
Mar 31	.31	0				Jul 29	2.55				
Apr 30	.24					Sep 2	3.45				
May 16	1.70					30	3.05				
31	.22					Oct 30	1.05				
Jun 30	.05					Nov 30	1.10	0			
Jul 31	.22					Dec 30	.70	2			
Aug 31	4.30										
Sep 30	.72										
Oct 15	1.34										
31	.00										
Nov 15	.02										
20	.79										
Dec 15	2.07										
31	.18										
1948 Jan 15	.00										
Feb 1	1.14										
15	.89										
Mar 1	.37										
15	3.40										
Apr 1	.31										
15	.60										
May 1	1.83										
15	.00										
Apr 16	.46										
31	.09										
Jun 15	.31										
May 15	.00										
30	.06										
1949 Jun 15	.10										
31	.40										
30	.00										
Jul 15	.00										
31	.23										
Aug 15	2.96										
31	.81										
Sep 16	.23										
30	.93										
Oct 15	.16										
31	1.88										
Nov 15	.03										
30	.01										
Dec 15	.06										
31	2.63										
1949 Jan 15	3.77										
31	3.26										
Feb 15	1.36										
28	.33										
Mar 15	.12										
31	.49										
Apr 15	.55										
30	.02										
May 15	.60										
31	.68										
Jun 15	.48										
30	1.02										
Jul 15	2.29										
31	2.10										
Aug 15	2.22										
31	.20										
Sep 15	2.10										
30	.88										
Oct 15	.50										
1949 Jan 15	2.64										
31	.68										
Sep 30	.00										
Oct 31	.51										
Nov 30	1.16										
Dec 15	.47										
31	.08										
1950 Jan 15	.52										

Table 1 continued

Precipitation Measurements

ARIZONA

Observation date	Amount since last obs. (inches)	Snow on grnd. (in.)	Observation date	Amount since last obs. (inches)	Snow on grnd. (in.)	Observation date	Amount since last obs. (inches)	Snow on grnd. (in.)	Observation date	Amount since last obs. (inches)	Snow on grnd. (in.)
Heber RS, cont.											
1943 Oct 30	.97		1939 Oct 20	.07		1943 Oct 6	3.07		1950 May 26	13.62	
Dec 31	2.37		Nov 15	2.18		Oct 19	.97		Oct 5	8.76	
			24	.30		29	.40				
1944 Apr 1	6.65		Dec 1	.05		1944 Apr 28	14.57		1951 May 31	9.64	
30	1.95					Jun 1	2.45		Jul 26	1.52	
May 31	1.93					Dec 15	-		Oct 11	10.85	
Jun 30	.05		1940 Jan 5	1.28		1945 Jun 5	28.37				
Jul 31	2.20		6	.12		Aug 8	15.35		1946 Jun 30	15.19	
Nov 12	7.02					Oct 21	10.40		Sep 2	12.25	
30	1.46		1941 Feb 1	1.00		1947 Jan 26	9.30		1954 May 17	27.72	
Dec 31	.77			1.21		Jul 8	5.10		Aug 4	7.60	
1945 Jan 31	2.20					Nov 30	13.30		Oct 20	5.86	
Feb 28	.82		1942 Mar 1	.23		1948 Aug 3	23.60		1955 Jun 7	13.43	
Mar 31	3.13		2	.13		Dec 21	20.50				
Apr 30	.55										
May 31	.00		1943 Apr 1	1.57		1949 Apr 21	15.56		1946 May 25		
Jun 30	.00		15	.70		Jun 21	-		Jun 30	.00	
Jul 31	3.05					Oct 20	16.40		Jul 31	4.73	
Aug 31	4.50		1944 May 13	.80		1950 Mar 14	20.40		Aug 31	6.79	
Sep 30	4.63		31	.00		Jul 3	2.93		Sep 30	4.90	
Oct 31	1.05		Jun 21	.34		Oct 23	6.05		Nov 1	1.03	
Nov 30	1.70								30	.45	
Dec 31	1.70	4	22	.49					24	.35	
			23	.11					31	.00	
1946 Apr 15	5.78		29	.63		1951 Jan 1	10.70		1947 Jun 30	1.10	
30	.05		38			30	.00		Jul 17	1.85	
May 31	.12					Sep 25	10.95		31	.20	
Jun 30	.00		25	.01		1952 Apr 9	23.65		Aug 16	2.15	
Jul 31	3.05		31	.00		Jul 9	5.50		30	2.50	
Aug 31	4.50		1945 Aug 4	.64		Aug 27	4.81		Sep 22	3.22	
Sep 30	4.63		5	.80		Dec 9	8.75		Oct 6	4.06	
Oct 31	1.05		22	1.30		1953 Jun 24	8.01		31	2.85	
Nov 30	1.70					Jul 7	.04		Nov 15	.50	
Dec 31	1.70	4	31	1.15		Oct 21	9.43		24	2.11	
			31	1.50							
1947 Jan 31	.53	4	1946 Oct 2	.25		1954 May 31	1.66		1941 Mar 18	16.18	
Feb 28	.27		27	.70		Jun 23	.12		Apr 16	6.70	
Mar 31	.35		27	.27		Jul 2	.47		31	1.07	
Apr 30	.10		31	.84		Aug 1	2.00		31	.17	
Jun 30	1.50		22	1.30		Sep 9	5.58		Aug 1	4.19	
Jul 31	4.08		31	1.15		Oct 31	4.35		31	.44	
Sep 1	6.27		1947 Sep 10	1.32		Dec 1	2.10		Aug 1	4.44	
Oct 31	4.20		18	1.50					31	1.73	
Nov 30	1.85		22	.13		1948 Jan 1	2.42		30	2.95	
Dec 31	2.25	10	30	1.23		30	.34		Oct 18	1.53	
			5	1.70		May 2	.27		31	1.67	
1948 Feb 29	-		31	2.27		31	T		31	1.67	
Apr 2	1.40		31	2.85		Jul 23	.50		31	1.44	
30	.18		Dec 16	6.84		Aug 1	4.40		Aug 1	4.19	
Jun 23	.72		25	.42		Sep 1	1.66		31	.44	
Oct 3	4.00		31	1.32		Oct 1	1.90		31	1.73	
31	1.15		1941 Jan 5	.43		Nov 1	.84		30	2.95	
Nov 30	.00		13	.90		Dec 1	.08		Oct 18	1.53	
			31	2.30					31	1.67	
1949 Jun 30	13.35		Feb. 13	1.37		1949 Jan 1	3.37		Nov 15	.90	
Nov 11	6.60		28	3.93		Feb 1	4.45		24	1.82	
			Mar 15	4.75		Mar 1	2.05				
1950 Jan 31	3.05	T	31	1.84		1942 Apr 13	8.55				
Feb 28	1.05	0	1942 Apr 3	1.21							
Jun 30	1.80		30	4.85							
			Jul 9	3.05							
Henry's Camp			20	3.20							
1938 Nov 30			Aug 6	2.30		1953 Apr 1	2.19		25	1.92	
Dec 31	2.71		26	2.03		Jun 30	3.80		30	.93	
			Nov 1	-					May 31	.00	
1939 Jan 10	1.44		14	.95					Jun 30	.00	
Feb 2	2.00		Dec 9	1.81		1954 Aug 1	2.26		Jul 31	1.92	
8	.78		30	4.06	6	Sep 1	2.82		Aug 1	.81	
24	1.31		1942 Jan 31	1.71	2	Oct 1	1.90		5	1.11	
28	.04		Feb 26	1.22	T	Nov 1	2.44		9	1.18	
Mar 31	1.75		Apr 2	2.65	0	Dec 1	.36		18	.36	
Apr 30	1.75		30	2.31		1950 Jan 4	3.23		23	.52	
May 31	1.10		May 31	.00		Feb 1	.66		31	.00	
Sep 6	7.97		Jun 30	.00		1953 Jan 23	1.42	2	Sept 6	1.54	
30	1.44		Jul 1	1.10		Oct 7	2.9		13	.32	
Oct 6	-		31	.65		Nov 23	1.42		20	.02	
1940 Mar 18	11.69		Aug 1	.25		Dec 1	.36		31	.00	
31	.23		10	1.10		1954 Jan 30	4.35		30	1.88	
Apr 30	.99		31	.90		Feb 15	1.22		Oct 10	.42	
Aug 20	9.73		31	.00		Mar 16	.27		15	.32	
Sep 26	5.55		1948 Sep 15	4.08		31	6.98		31	.00	
			Oct 18	2.72		May 18	2.15		20	.34	
Indian Gardens			31	1.54		Jun 15	.08		31	.00	
1938 Nov 23			Nov 30	1.07	0	Jul 8	3.30		Jun 30	.02	
			Dec 14	1.28	8	Aug 3	4.45		Jul 31	1.33	
1939 Apr 7	12.05		1943 Jan 7	2.70	0	Sep 3	4.15		Aug 15	3.16	
30	.45		Mar 24	9.36		5	1.05		31	.51	
Jun 2	.07		1948 Jul 3	1.19		Oct 14	1.95		Sept 19	.23	
30	.00		20	.96		Dec 7	.35		26	2.09	
Aug 8	5.02		30	.35		1955 Feb 3	6.30		30	.19	
31	.76		Aug 11	2.77		Mar 15	1.05		Oct 10	.26	
Oct 1	4.02		14	1.54		Mar 1	1.50		24	1.04	
			23	.33					31	.55	
			26	.70							

Table 1 continued

Precipitation Measurements

ARIZONA

Observation date	Amount since last obs. (inches)	Snow on grnd. (in.)	Observation date	Amount since last obs. (inches)	Snow on grnd. (in.)	Observation date	Amount since last obs. (inches)	Snow on grnd. (in.)	Observation date	Amount since last obs. (inches)	Snow on grnd. (in.)	Mingus Mountain Lookout, cont.	Observation date	Amount since last obs. (inches)	Snow on grnd. (in.)
Long Valley RS, cont.															
Long Valley RS, cont.															
1944			1949	.00		1954	.00		1945	.50		Mingus Mountain Lookout, cont.	1953	.40	5
Apr 17	15.72		Jun 30	1.02		Sep 1	.95		Jan 31	2.00			Jan 31	2.00	
30	.38		Jul 9	1.54		Oct 26	.84		Mar 2	.28			Mar 2	.28	
May 11	.78		13	.66		Nov 30	.33		Jun 30	.00			Apr 30	1.80	
21	.24		22	.41		Dec 27	.47		Jul 31	2.80			Jun 27	.50	
31	.55		23	.16					Sep 1	3.00			Sept 1	.05	
Jun 25	.02		27	.33					Oct 1	.20			Oct 27	.29	
30	.38		31	.58					31	1.70			Jul 22	4.68	
Jul 3	.38		Aug 5	1.56					Nov 30	.00			Aug 3	1.57	
16	.02		9	.06					Dec 31	3.40			31	4.00	
31	1.10		23	.00									Sep 30	.00	
Aug 8	.85		31	1.79									Oct 30	.00	
20	1.44	0	16	.74									Nov 28	.70	
31	.02		24	.33											
Sep 17	.97		30	.22											
26	.71		Oct 13	.94											
27	.43		Nov 21	4.16											
30	1.41														
Oct 26	.30														
31	.00														
Nov 8	1.16	0													
1945															
Apr 24	13.13														
May 6	.06														
20	.14														
31	.00														
Jun 11	.12														
30	.00														
Jul 8	.20														
22	.22														
29	.96														
Aug 5	.65														
12	2.80														
19	.20														
30	1.30														
Sep 2	.14														
9	.82														
30	.29														
Oct 7	.28														
14	.99														
Nov 30	.00														
1946															
Mar 28	7.99														
May 9	1.86														
16	.04														
31	.11														
Jul 1	.00														
31	4.41														
Sep 2	6.38														
30	3.62														
Oct 31	3.55														
1947															
Mar 28	8.18														
May 5	.00														
15	1.79														
Jun 12	.00														
19	.31														
Jul 4	.00														
11	.50														
18	.64														
28	.46														
Aug 5	1.67														
6	.58														
12	.46														
17	2.92														
22	.49														
31	.52														
Sep 7	.20														
19	.42														
Oct 2	.15														
11	.18														
Nov 13	4.65														
1948															
Apr 8	12.50														
May 1	.69														
29	.06														
Jun 5	.00														
12	.16														
26	.01														
30	.00														
Jul 17	.30														
24	.74														
27	1.89														
31	.00														
Aug 4	4.70														
7	4.55														
13	.99														
20	.21														
31	.02														
Sep 11	.55														
30	.45														
Oct 9	.02														
23	.49														
30	1.51														
31	.39														
1949															
Apr 12	16.34														
May 1	.06														
9	.20														
30	1.17														
Jun 10	1.35														
19	1.28														
1949															
Feb 1	.37														
Mar 5	.36														
Apr 1	1.12														
Jan 1	2.20														
Feb 28	1.55														
Mar 31	5.65														
Ang 31	3.60														
Sep 30	2.95														
Oct 21	.00														
Nov 29	3.20														
Dec 31	3.30														

Table 1 continued

Precipitation Measurements

ARIZONA

Observation date	Amount since last obs. (inches)	Snow on grnd. (in.)	Observation date	Amount since last obs. (inches)	Snow on grnd. (in.)	Observation date	Amount since last obs. (inches)	Snow on grnd. (in.)	Observation date	Amount since last obs. (inches)	Snow on grnd. (in.)
Mormon Lake RS, cont.											
1955 May 10	10.30		1955 May 2	9.05		1955 Jun 14	.90		1948 Nov 1	3.56	
31	.13		Jun 1	.30		Jul 1	.00		Dec 1	.00	
Jun 30	3.42		30	1.50							
Mount Baldy											
1942 Oct 16			1942 Dec 9			1942 Sep 18			1949 Jan 5	7.33	
			24	3.12	6	Nov 11	.56		Mar 1	3.50	
1943 Jun 17	18.70		1943 Oct 26	"		Dec 7	.16		Apr 7	.60	
Oct 12	16.42								May 15	.31	
1944 Jun 22	17.07		1944 Apr 18	21.52		Jun 1	1.65	3	Jun 17	.11	
Oct 26	19.83		Jul 31	4.95		Mar 3	2.92		Jul 8	.04	
			Aug 19	1.85		Apr 19	1.84		9	.03	
1945 Jun 21	18.29		Oct 6	1.75		Jul 12	.00		12	.11	
Oct 17	13.74		18	"					17	.07	
									23	.04	
1946 Jun 6	15.92		1946 Apr 17	17.14		Jul 1	1.05		Jul 4	.61	
Oct 24	24.95		May 23	"		26	.30		11	.15	
			Jul 29	1.05		29	.25		14	.26	
1947 Jun 4	18.10		Aug 10	1.85		30	.25		18	.20	
23	.85		Oct 6	1.75		31	.20		22	.02	
Oct 23	23.86		1945 Nov 12	2.50		Aug 1	.40		23	.56	
						3	2.00		23	2.36	
1949 Jun 23	21.35		1946 May 27	9.05		5	.20		Aug 1	.17	
Oct 20	17.85		Jul 12	.15		8	.10		2	.24	
			Sep 11	4.15		9	1.15		3	.10	
1948 Jun 10	24.73		Oct 8	6.30		10	.50		4	.06	
Oct 29	14.12		Nov 5	2.05		13	.30		6	.15	
						14	.65		8	.46	
1949 Jun 23	21.35		1947 Mar 24	7.30		15	.85		9	.30	
Oct 20	17.85		May 5	.00		16	.45		Oct 24	4.45	
			12	1.70		24	.25		Dec 1	.65	
1950 Jun 15	13.90		Jul 7	1.50		28	.45				
Oct 26	12.60		21	.05		Oct 30	4.58		1950		
			22	.25					Jan 1	1.18	
1951 Jun 7	13.10		Aug 8	.30					Feb 2	.89	
Oct 16	15.50		13	.70					Mar 1	1.08	
			14	.05					Apr 1	.42	
1952 Jul 14	28.80		25	3.45					May 1	.00	
Oct 31	13.72		Oct 11	2.36					Jul 1	.00	
			1945 Jan 9	2.20					2	.31	
1953 Jun 22	19.62		Feb 2	2.77					3	.15	
Sep 24	15.13		Jul 28	9.20					6	.62	
									10	.02	
1954 Sep 30	-		1950 May 1	"					16	.49	
			Jun 30	.80					17	.10	
1955 Jun 15	-		Jul 10	1.60					19	.50	
			12	2.20					20	.46	
Mount Graham Cunningham Ridge			18	1.10					21	2.11	
1950 Jul 14	5.40		24	1.50					23	1.98	
Aug 1	.69		Sep 7	.60					29	.27	
12	1.13		Oct 20	.40					Aug 11	.65	
23	.70								24	.35	
Sep 30	.36		1952 Aug 1	1.60					25	.10	
Nov 22	-		29	3.90					Sep 6	1.15	
			Sep 25	2.26					7	.95	
1951 May 4	13.72		1953 May 8	13.87					Oct 9	.00	
22	.09		Jul 6	.15					Nov 30	.37	
Jun 30	.00		9	.10					Dec 31	.00	
Jul 20	.77		31	2.93							
Aug 1	2.61		Aug 9	.50					1951 Jun 1	-	
31	7.25		10	.10					30	.00	
Oct 2	.81		12	.20					Aug 1	3.15	
22	.27		18	1.10					Sep 1	7.26	
Nov 2	3.42		24	1.50					Oct 1	1.85	
Dec 1	3.34		29	.60					Nov 1	.27	
			23	.80					1951 Jun 27	-	
1952 May 31	19.99		26	.40					Jul 31	4.60	
Jun 1	2.34		27	.20					Aug 31	2.66	
30	.00		31	.00					Sep 30	.05	
Jul 8	2.28		Aug 9	.50							
Aug 6	1.31		10	.10					1951 Jun 1	-	
29	.29		12	.20					30	.00	
30	.60		18	2.00					Aug 1	3.15	
Nov 1	.00		29	2.40					Sep 1	7.26	
			Aug 4	.40					Oct 1	1.85	
1953 May 1	24.25		5	.10					Nov 1	.27	
Jun 23	2.57		6	.10					1951 Jul 1	-	
Jul 1	.00		10	.50					2	.50	
Aug 1	7.39		13	.30					Aug 1	6.27	
Oct 22	1.36		19	.25					Sep 1	3.13	
			20	1.75					Oct 1	.05	
1954 May 31	16.50		Sep 5	.25					Nov 2	.80	
Jul 1	4.40		Dec 2	1.40							
Aug 2	4.95		1955 Apr 21	6.80					1954 May 27	26.35	
Sep 1	5.30		May 11	.20					Jul 1	.50	
Oct 1	1.85		Jun 1	.00					Aug 1	3.10	
Nov 1	.90		13	1.45					Sep 1	.40	
			Oct 20	.00					Oct 12	3.00	
									O. W. Ranch		
									1955 May 17	21.50	
									Jul 15	2.44	
									1955 Oct 21	-	
									31	1.08	
									Nov 9	3.40	
									24	.15	
									29	.35	1
									Dec 23	.50	4

Table 1 continued

Precipitation Measurements

ARIZONA

Observation date	Amount since last obs. (inches)	Snow on grnd. (in.)	Observation date	Amount since last obs. (inches)	Snow on grnd. (in.)	Observation date	Amount since last obs. (inches)	Snow on grnd. (in.)	Observation date	Amount since last obs. (inches)	Snow on grnd. (in.)	Observation date	Amount since last obs. (inches)	Snow on grnd. (in.)	
O. W. Ranch, cont.															
1940 Jan 5	1.60		1949 Nov 30	.50		1940 Apr 30	.37		1941 Jan 7	.10		1945 Jan 3	4.20	10	
6	.15	4	Dec 31	3.25	11	May 20	.17		18	1.30		May 24	8.25	0	
12	1.40					22	.15		26	.60		Dec 3	11.60		
31	.90	5	1950 Jan 31	2.50	18	25	.15		31	1.00					
Feb 1	1.70		Feb 28	2.65		Jun 17	.03		Feb 8	.90					
2	.45		Mar 31	1.35		30	2.46		21	.90		Rustlers Park, cont.			
15	.25		Apr 30	.05		Jul 16	.64		28	.80		1945 Nov 13	-		
22	.60		May 31	.50		18	.23		Mar 4	.20		1946 Mar 15	6.72		
25	.35		Jun 30	.65		27	1.51		8	.30		Jul 28	5.86		
29	.35		Jul 31	2.50		28	.10		16	2.80		Nov 14	14.15	16	
Mar 11	.40		Aug 31	1.65		Aug 6	.35		31	.00					
27	.50		Sep 30	2.05		7	.04		Apr 4	1.40		1948 Mar 4	7.97	12	
Apr 2	1.20		Oct 31	.00		19	1.77		25	.20		Jul 16	1.78	0	
16	.70		Nov 30	1.35		25	2.07		May 31	1.10		Nov 4	16.20	2	
Jul 31	5.80		Dec 31	.40		31	.38		Jun 30	.00					
Sep 23	-					Oct 1	-		Jul 31	3.10		1949 Jun 30	18.10		
Oct 31	6.98		1951 Jan 11	.10	1	5	.56		Aug 10	.30		Oct 31	12.70	0	
Dec 16	2.90		12	.65	9	30	1.49		13	.20					
			Feb 19	.65	8	Nov 14	.00		14	.30		1950 Jul 1	-		
			31	2.45	17	Dec 16	6.02		17	.40		Oct 31	20.15	0	
						31	4.35		28	.00					
									Sep 4	.10		1951 Jun 28	11.45		
									13	2.10		Aug 9	6.10		
									18	.40		Oct 9	4.12		
									Dec 6	.00		1952 Aug 4	-		
									10	.70		Sep 25	6.20		
									11	.40					
									12	.50		1953 Jun 1	14.50		
									26	.60		Oct 30	9.50		
									31	.50		Nov 5	1.42		
												1954 May 25	11.49		
												Jun 11	-		
												Aug 6	9.80		
												Oct 25	8.25		
												1955 May 6	5.12		
												St. Michaels 6 WNW			
												1956 Oct 18			
												Nov 3	.85		
												15	.25		
												30	.48		
												Dec 31	2.30	7	
												1952 Jan 31	2.28	4	
												Apr 3	2.09		
												May 16	3.00		
												Jul 1	2.00		
												30	.75		
												Aug 29	2.02		
												Sep 30	1.28		
												Oct 30	.00		
												Dec 3	2.15		
												29	.45		
Pinetop															
1945 Jan 31	3.15	18	1938 Nov 18			Feb 1 Mar 1	2.14 1.22		1943 Jan 9	.09					
Feb 28	5.00	4	Dec 12	.24					18	.90					
Mar 31	6.10		17	1.27					25	1.41					
Apr 30	.80		31	1.97					28	.80					
May 31	.05											1944 Jan 31	1.26		
Jun 30	.10											Feb 29	5.43		
Jul 31	3.05											Mar 31	1.90		
Aug 31	5.60											Apr 30	2.14		
Sep 30	.00											May 15	.70		
Oct 31	1.95											Jun 30	.00		
Nov 30	.15											Jul 15	.70		
Dec 31	3.50	10										Aug 29	2.02		
												Sep 30	1.28		
												Oct 30	.00		
												Dec 3	2.15		
												29	.45		
Point of Pines															
1940 Jan 1	.10		1941 Jan 7	.10		1942 Jan 4	1.00		1943 Jan 31	.85					
Feb 28	2.10		18	.10		Feb 1 Mar 1	2.14 1.22		Feb 29	1.70					
Mar 31	.75		30	9.88					Mar 16	.60					
Apr 30	.20		31	3.10					31	.00					
May 31	1.20		30	.00					Apr 23	1.80					
Jun 30	.20		31	1.55					May 31	.00					
Jul 31	2.60		31	1.97					Jun 30	.00					
Aug 31	5.15								Jul 15	.70					
Sep 30	.95								Aug 29	2.02					
Oct 31	3.35								Sep 30	1.28					
Nov 30	2.75								Oct 30	.00					
Dec 31	2.70	T							Dec 3	2.15					
									29	.45					
												1954 Jan 31	.85	0	
												Feb 27	1.70		
												May 6	.20		
												Jun 1	.05		
												Jul 1	.60		
												28	1.25		
												Sep 4	2.75		
												29	.00		
												Nov 6	1.50		
												1955 Mar 8	3.40		
												Jul 19	3.10		
												Sheep Crossing			
												1953 Oct 6			
												Nov 3	.52		
												14	2.99		
												1954 Jan 30	1.43		
												Feb 15	.48		
												Mar 18	.65		
												30	5.35		
												May 3	1.80		
												19	.15		
												Jun 14	.05		
												Jul 15	1.55		
												Aug 5	3.50		

Table 1 continued

Precipitation Measurements

ARIZONA

Observation date	Amount since last obs. (inches)	Snow on grnd. (in.)	Observation date	Amount since last obs. (inches)	Snow on grnd. (in.)	Observation date	Amount since last obs. (inches)	Snow on grnd. (in.)	Observation date	Amount since last obs. (inches)	Snow on grnd. (in.)	Observation date	Amount since last obs. (inches)	Snow on grnd. (in.)
Sheep Crossing, cont.														
1954 Aug 31	1.75		1946 Feb 24	.89		1943 Jan 25	3.15	18	1940 Feb 29	2.56		1952 Jan 1	6.20	
Sep 6	1.55		Jun 24	7.93		Feb 1	.02	12	Mar 31	1.76		16	2.75	
Oct 15	.90		Oct 27	9.50		9	1.80	20	Apr 30	.66		Feb 1	1.70	
Nov 23	1.15					17	.23	8	Jul 31	3.36		Mar 1	1.65	
Dec 1	.40					25	1.87	15	Sep 23	-		Apr 1	4.90	
1955 Feb 4	4.40					Mar 1	.00	11				May 2	3.89	
14	.00					8	2.16	12				Jun 1	.06	
Mar 2	1.60		1948 Jul 13	11.59		14	.72	7				Jul 1	1.08	
15	.00		Sep 28	4.93		26	.82	0				Aug 1	4.15	
30	.10		Oct 21	1.55		Apr 1	.00					Sep 1	2.02	
Apr 12	.00					9	.96					Oct 1	2.25	
27	.55		1949 May 29	13.88		14	.14					Nov 1	.00	
May 16	.95		Oct 19	10.51		May 2	.00					Dec 1	3.97	7
Jun 1	.25					Jun 1	.05							
28	1.50		1949 Jan 8	5.58	36	18	.03					1953 Jan 1	1.31	6
			Feb 17	5.94	80	Jul 1	.02					Feb 1	.80	
Sheep Springs														
1938 Nov 22			1950 Apr 10	12.43		26	.60					Mar 1	1.39	7
Dec 29	1.62		Sep 27	8.36		Sep 1	.15					Apr 1	3.18	
						26	1.96					Apr 30	1.85	
1939 Jan 9	.95		1951 Jun 30	9.60		Oct 1	.00					Jun 1	.25	
27	.30		Jul 26	3.30		22	1.75					Jul 1	.76	
Feb 15	2.57		Oct 1	8.57								Aug 1	3.94	
Apr 2	1.33		Dec 31	13.48								Sep 1	3.43	
27	1.11											Oct 1	.00	
Aug 9	3.77		1952 Jan 31	10.58	96	1944 Aug 21	-					Dec 1	1.55	
28	1.84		Feb 29	2.45		Oct 26	3.14							
Oct 5	2.55		Jun 26	5.39								1954 Jan 4	1.66	
27	1.99		Oct 24	11.22								Feb 12	2.50	
Nov 28	1.12											Mar 1	.89	
												Apr 1	7.55	
1940 Jan 10	3.02		1953 Jun 25	11.25		1945 May 18	-					May 3	1.04	
Feb 6	2.08	24	Sep 3	9.89		Oct 7	1.07					Jun 1	.06	
29	1.21	22				Nov 2	.60					Jul 1	1.10	
Apr 2	1.45	2	1940 Jan 16	3.05								Aug 2	4.90	
30	.90	T	31	.00		1944 Jan 1	11.55					Sep 1	6.73	
May 31	1.24		1945 Oct 7	1.07		1945 Jan 1	11.55					Oct 1		
Jun 30	1.44		Nov 3	.60		1945 May 18	-					Nov 1	.88	
Jul 31	3.43		30	1.80		Jul 22	.28					Dec 1	.55	
Aug 31	3.19		Dec 31	.20		Aug 1	4.30							
Sep 30	4.28					Sep 4	4.35					1955 Jan 4	2.63	
Oct 31	1.42		1940 Mar 16	3.05		Oct 2	.60					Feb 1	2.29	
Nov 29	1.94	10	Jan 16	.00		Nov 3	1.55					Mar 1	.67	
Dec 31	3.23		31	2.00		Dec 2	0.00					Apr 1	.12	
			Feb 15	3.25								29	1.42	
1941 Jan 31	1.82		1941 Jun 30	1.60		1946 Jun 22	8.36					Jun 1	.15	
Feb 28	1.97	30	Mar 16	.00		Aug 12	.30					Jul 1	2.21	
Mar 31	4.60	36	31	1.15		Sep 28	1.00							
Apr 30	2.90	28	May 20	3.95		Oct 17	.85					1938 Nov 28	.16	
May 30	1.41		31	.80		May 1	.60					Dec 13	.16	
Jun 30	1.56		Jun 30	1.40		Jun 1	.30					17	2.03	
Jul 29	4.54		Jul 31	.30		1947 Jun 22	8.36					21	4.13	
Aug 28	2.87		Aug 31	3.15		Aug 10	5.73					31	.10	
Sep 30	4.01		Sep 21	1.73		Sep 28	6.03					1939 Jan 9	2.41	
Oct 29	2.39	2	30	2.54		Nov 16	4.35	1				25	1.38	
			31	2.97								30	.69	
Snow Bowl														
1941 Dec 16	4.60	22	Nov 15	.73		Jul 17	1.90		1948 Mar 31	12.70	3	Feb 2	.58	
17	.52		30	1.94		Jul 28	1.90		Nov 1	11.00	0	5	1.31	
24	.39		Dec 16	4.60		Sep 4	1.65		Dec 1	.10	0	10	.48	
31	3.00		31	3.25	21	Nov 2	1.20					19	.86	
			1941 Jan 14	1.00	23	20	.60	5	1949 Feb 1	10.40	24	Mar 28	.00	
1942 Jan 7	.05		Feb 2	1.90	27	1954 Mar 1	2.50		14			7	.96	
14	.05		28	3.25		Apr 2	4.30					30	.46	1
21	.00		Mar 15	2.85		May 5	.55					Apr 5	.93	
28	.13		Apr 3	3.35		Jul 2	1.25					15	.21	
31	.00		15	2.70		Sep 7	2.65					30	1.24	
Feb 7	.14		May 3	.21		Oct 21	2.45					May 15	.17	
14	1.17		17	.01								31	.00	
21	.71		Jun 4	.05		1955 Oct 31	4.50					Jun 30	.00	
28	.68		5	.05		Nov 30	.00					Jul 15	.03	
Mar 7	.16		7	.03		Dec 31	3.30					21	.38	
14	.81		8	.02								23	1.27	
21	.03		Dec 9	1.04		1950 Jan 31	2.10					26	.28	
28	.02		17	1.04		Feb 28	2.90					31	.33	
Oct 23	.00					Mar 31	1.30		1938 Aug 7	2.85				
1943 Jan 1	3.77	18	1942 Jan 2	4.20	30	Apr 30	3.25					12	.55	
Mar 20	6.53	30	31	.00	10	May 31	4.20					13	.52	
Oct 19	-		Feb 16	1.39	18	Jun 14	.34					15	.65	
Nov 6	.74		28	1.35	18	Jul 31	2.50					18	.31	
			Mar 17	1.70		Aug 31	2.20		1939 Sep 7	2.89				
1944 Jun 8	15.68		31	.00		Sep 30	2.50		14			14	2.13	
Aug 10	1.75		31	1.42		Oct 1	.00		21			21	.17	
			Nov 20	.45	3	Jul 1	1.00		28			28	.48	
1945 Jul 10	-		Dec 1	.00	0	Aug 12	1.93							
Aug 14	4.13		31	1.42		29	.32		1940 Oct 5	.00		18	.12	
Oct 22	3.47		Dec 2	.00		30	1.23		Jan 31	4.20		11	.12	
1946 Jan 26	5.69	12	1943 Jan 1	.00	T	Jul 1	.00		Feb 28	1.80		31	2.27	
Feb 10	.17		18	.91	6	Aug 1	1.93		Apr 1	1.80		Nov 10	2.23	
			1940 Jan 21	1.81		20	1.93		May 1	.70		23	.00	
1946 Jan 26	5.69	12				30	4.00		Jun 1	.70		30	1.93	2
Feb 10	.17		1943 Jan 1	.00	T	Aug 12	1.93		Jul 1	.00		Dec 21	.00	
			18	.91	6	21	1.73		Aug 1	3.60		28	1.71	12
1946 Jan 26	5.69	12				22	1.13		Sep 1	3.08		1940 Jan 3	.00	
Feb 10	.17		1943 Jan 1	.00	T	29	1.05		20	1.05		11	1.91	8
			18	.91	6	Jan 21	1.81		Nov 1	3.00		18	.47	3
									Dec 2	.86				

Williams Creek Fish Hatchery, cont.

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Observation date	Amount since last obs. (inches)	Snow on grnd. (in.)
1952 Jan 1	6.20	
16	2.75	
Feb 1	1.70	
Mar 1	1.65	
Apr 1	4.90	
May 2	3.89	
Jun 1	.06	
Jul 1	1.08	
Aug 1	4.15	
Sep 1	2.02	
Oct 1	2.25	
Nov 1	.00	
Dec 1	3.97	7
1953 Jan 1	1.31	6
Feb 1	.80	
Mar 1	1.39	7
Apr 1	3.18	
May 1	1.85	
Jun 1		

Table 1 continued

Precipitation Measurements

ARIZONA

Observation date	Amount since last obs. (inches)	Snow on grnd. (in.)	Observation date	Amount since last obs. (inches)	Snow on grnd. (in.)	Observation date	Amount since last obs. (inches)	Snow on grnd. (in.)	Observation date	Amount since last obs. (inches)	Snow on grnd. (in.)	Observation date	Amount since last obs. (inches)	Snow on grnd. (in.)
Workman Creek No. 2, cont.														
1940			1941			1944			1947			1948		
Jan 25	.00	0	Dec 23	.03	11	May 30	.00		Jan 14	.58		Apr 26	.10	
Feb 1	1.51	8	30	1.59		Jun 28	.00		21	.45		May 10	.00	
5	1.94	2	1942			Jul 3	.24		28	.00	4	17	.11	
15	.10	1	Jan 6	2.15	25	10	.07		31	.96	6	24	.33	
29	.97	5	14	.23	14	24	3.37		Feb 25	.00		31	.00	
Mar 7	.61		31	.00	8	31	.00		28	2.34	4	Jun 7	.00	
14	.12		Feb 10	.00	4	Aug 7	.00		Mar 4	.00		14	.73	
21	.00		24	1.92	16	14	1.53		11	.40		21	2.48	
28	.17		28	1.00	12	21	.66		18	.00		27	.00	
Apr 4	1.41		Mar 10	.00	1	28	.47		25	.14		Jul 5	.87	
18	.64		17	1.55	1	31	.00		31	.00		12	1.27	
24	.03		31	.00	0	Sep 11	.00		Apr 8	.12		19	.70	
May 2	.22		Aug 21	.00	0	18	1.46		15	.08		26	.75	
16	.00		28	2.09		25	2.78		29	.00		Aug 2	.47	
23	.60		30	.33		Oct 2	1.07		May 6	.00		9	2.20	
Jun 20	.00		May 31	.00		23	.00		13	1.11		16	.00	
27	.49		Jun 30	.00		30	1.25		20	.05		23	.09	
Jul 11	.00		Jul 7	.72		Nov 6	.49		27	.00		30	.00	
18	.73		14	.00		14	1.40		Jun 17	.00		Sep 5	.44	
26	.70		21	.73		21	.79		24	.08		13	1.45	
Aug 3	.62		28	.25		27	1.46		30	.00		20	.20	
8	.20		Aug 4	.98		Dec 4	.60		Jul 8	.45		27	.75	
15	.42		11	1.18		8	.00		16	.10		Oct 11	-	
22	.13		18	.44		26	1.89		22	.20		18	.80	
28	.31		24	.44		1945			29	.39		25	1.50	
Sep 6	.64		Sep 1	.00		Jan 1	.23		Aug 5	.04		31	.00	
12	1.79		8	2.16		15	.00		12	1.00		Nov 8	.00	
19	1.55		15	1.19		25	3.53		19	2.49		15	.70	
26	.10		22	.05		Feb 1	1.89		26	1.35		30	.00	
30	.59		29	.00		8	.40		Sep 2	1.79		Dec 6	.00	
Oct 3	.00		Oct 6	.00		16	.20		16	.00		13	3.40	12
10	2.69		13	1.34		24	.71		23	1.35		20	1.05	14
17	.03		20	.13		Mar 10	4.34		30	.00		27	.15	13
24	.05		27	.00		17	2.10		Oct 7	.15		1950		
31	2.47		30	1.96		27	2.55		14	1.91		Jan 3	.15	7
Nov 7	.00		Nov 17	.00		31	3.55		28	.00		10	.00	7
10	.29		24	.27		Aug 7	.33		Nov 4	.00		17	.55	
14	.00		Dec 1	.00		14	1.15		11	.51	3	24	.00	3
20	2.78		8	2.67	1	24	.07		18	.67		31	2.10	16
24	.27		15	.00		Jun 26	.00		25	1.77	13	Feb 7	.20	6
Dec 5	.00		22	.32	1	Jul 3	.19		Dec 2	1.19	1	14	1.60	8
14	3.75		29	3.27	4	10	.41		9	1.36	10	21	.05	4
18	1.15		24	.12		17	.00		23	.00	5	28	2.35	
25	3.05		31	4.70		24	1.25		30	.81	7	Mar 7	.50	
31	4.70		Jan 5	.00		Aug 7	.33		1948			21	.00	
1941			12	.53	2	14	1.15		Jan 6	.24	2	28	.95	T
Jan 6	.55		19	2.83	12	21	.20		13	.00		Apr 30	.00	
13	2.83		26	2.55	14	28	1.19		20	.13	1	May 9	.55	
15	.16		Feb 2	1.33	20	Sep 4	.00		27	.32	1	23	.00	
22	.07		16	.73	13	11	.84		Feb 3	.00	0	31	.10	
25	1.88		Mar 2	.76	5	30	.00		10	1.90	12	Jun 20	.00	
29	1.18		9	4.45		Oct 2	.15		17	.48	8	27	1.80	
31	.43	18	16	.03		16	.00		24	.21	2	Jul 4	.05	
Feb 5	1.83	16	23	.44	4	30	.10		Mar 2	1.91	9	11	.91	
13	.24	10	31	.00		23	.00		9	.70	10	18	.54	
16	.70	6	Apr 6	.00		30	.00		16	.83	4	25	.95	
23	1.73	T	30	.00		Dec 11	.00		23	1.05	2	Aug 1	.02	
26	.85		May 31	.00		25	5.70		30	.57	T	22	.12	
Mar 3	1.70	1	Jun 22	.00		1946			Apr 6	.20	T	29	.03	
6	.73	4	29	.16		Jan 1	.00		27	.11	0	Sep 19	1.45	
15	6.08	3	30	.14		9	1.56		May 26	.00		26	.65	
19	.00	0	Jul 6	.00		15	.51		Jun 1	.00		Oct 2	.00	
26	.10		13	.43		21	.82		29	.00		31	.00	
31	.00		20	.16		29	.00		Jul 13	.00		Nov 7	.00	
Apr 3	3.37		27	.65		Feb 5	.26	0	20	1.00		22	1.30	
9	.00		Aug 3	1.89		17	.00		28	.00		28	.00	
14	3.02		10	.11		24	.35	8	Dec 26	.00				
21	.27		25	1.01		19	.12	2						
30	.31		31	.00		26	.00	0						
May 3	.50		Sep 7	1.30		Mar 5	1.03							
14	.00		14	.23		12	.09							
21	.34		21	.16		19	1.48							
28	.32		28	4.15		Apr 2	.36							
31	.00		30	.00		9	1.34							
Jun 11	.12		Oct 5	.13		30	.00							
25	.13		12	.39		May 31	.00							
30	.00		19	1.51		Jun 30	.00							
Jul 9	.35		26	.00		Jul 9	.34							
22	.61		31	.20		16	.13							
30	.68		Nov 30	.00		23	.59							
Aug 6	.21		Dec 14	2.31	2	30	1.17							
12	.01		21	.00	0	Aug 6	1.42							
15	.39		28	1.62	12	13	1.60							
19	.46		31	.00		20	2.11							
26	.00		1944			27	1.95							
29	.16		Jan 18	.00		22	.00							
31	.78		25	2.56	15	29	1.52							
Sep 9	.00		31	.14	10	19	.10							
16	1.76		Feb 8	.29	"	10	7.76							
23	.18		22	2.34	11	Oct 1	1.32							
30	1.58		29	3.99	38	18	.08							
Oct 7	.52		Mar 8	.93	28	15	.03							
14	1.08		15	1.85	30	29	1.52							
21	.54		22	.19	24	Nov 5	.00							
28	.00		31	.00	18	12	.96							
31	.72		Apr 5	.00	-	19	1.72							
Nov 4	.00		12	1.51	3	26	1.95							
12	.01		19	.21		30	.00							
19	3.47		26	.02		30	5.03							
30	.00		May 3	.00		1947								
Dec 9	.00		10	1.73		Jan 7	.17	4						
16	3.96													

Table 1 continued

Precipitation Measurements

ARIZONA - COLORADO

Observation date	Amount since last obs. (inches)	Snow on grnd. (in.)	Observation date	Amount since last obs. (inches)	Snow on grnd. (in.)	Observation date	Amount since last obs. (inches)	Snow on grnd. (in.)	Observation date	Amount since last obs. (inches)	Snow on grnd. (in.)	Observation date	Amount since last obs. (inches)	Snow on grnd. (in.)	
Workman Creek No. 2, cont.															
1951 Nov 6	1.34		1952 Dec 31	.28	14	1954 Mar 10	.10		1955 May 10	.04		1951 Jan 1	1.40		
13	1.15					17	.06		17	.01		17	.95		
20	.00		1953 Jan 6	1.34	17	24	10.62	4	Jun 7	.00		Feb 2	1.00		
27	2.03			14	.06	25	.71	10	14	1.71		Mar 1	.80		
Dec 4	.05			21	.00	31	.72	T	Jul 12	.00		Apr 1	3.20		
11	.00		1952 Feb 11	.00	T	Apr 7	.02					30	1.10		
18	1.59			18	.14	May 5	1.54					Jun 30	.00		
23	1.85			25	.80		12	.00				Jul 31	3.55		
30	.76		1953 Mar 5	3.84	21	19	.01		Aug 31	3.40		Aug 31	3.35		
			11	.38	2	30	.47		Sep 30	1.10		Sep 30	4.05		
			8	.34		Jul 7	.92		Oct 31	2.40		Oct 31	.00		
			15	.00		21	1.10		Nov 30	.20		Nov 29	5.35		
			22	.15		28	.67		Dec 31	1.10		Dec 31	2.20	4	
			29	1.21		Aug 4	.57								
			May 31	.00		11	5.06								
			Jun 10	.00		18	.08								
			17	.04		25	2.62								
			Jul 1	.00		Sep 1	.08								
			8	1.39		8	1.87								
			15	.92		15	.89								
			22	.54		22	.00								
			29	3.18		Oct 6	.41								
			Aug 5	1.73		Nov 13	.07								
			12	.91		23	.00								
			19	.63		Dec 7	.00								
			26	1.02		14	1.15								
			Sep 2	.68		1955 Jan 4	1.09								
			9	.00		11	.91								
			16	.07		18	1.89	18							
			24	1.05		25	.38	14							
			Nov 4	.00		31	.00	10							
			18	1.50		Feb 7	.14	10							
			25	.43		14	.00	8							
			Dec 2	.00		21	.89	2							
			9	.68		28	.07								
			23	.00		1955 Jan 4	1.09								
			30	.06		11	.91								
			Sep 11	.02		18	1.89	18							
			18	.00		25	.38	14							
			1954 Jan 6	.00		31	.00	10							
			13	1.08	4	Feb 7	.14	10							
			20	1.88	14	14	.00	8							
			27	.95	12	21	.13	2							
			Feb 3	.10	4	Apr 4	.00								
			10	.00	T	11	.10								
			17	1.17	3	19	.00								
			24	.00	T	26	.56								
			Mar 3	.00	0	May 3	.00								

COLORADO

Columbine		Cumbres, cont.		Cumbres, cont.		Cumbres, cont.		Deadman Hill, cont.		
1948 Sep 20		1952 Mar 28	.00	133		1953 Mar 6	1.05	83	1945 Jan 26	4.70
		Apr 4	.12	131		13	.05	55	Feb 28	4.00
1949 May 26	30.90	11	.86	106		20	.00	42	Mar 27	3.10
		18	.00	83		27	.40	52	Apr 30	3.20
		25	-1.03	74		Apr 3	.50	34	Sep 8	6.57
		May 2	.09	60		10	1.45	37	Nov 21	
		9	.00	36		24	.00	25		
		16	.06	17		30	.75	17		
		23	.96	12		May 1	.10	17		
		29	.86	0		15	.50	3		
		Jun 6	1.18			22	.20	0		
		13	.00			Jun 16	.00			
		20	.02			20	.35			
		Jul 25	.00			26	.00			
		Aug 1	1.10			Jul 17	1.20			
		15	.08			31	.25			
		22	.32			Oct 23	-	10		
		29	1.00			30	.40	4		
		Sep 5	.04			Dec 18	3.20	18		
		12	.56			25	.00	18		
		19	.35			31	.30	22		
		26	1.40			21	.40			
		Oct 31	.00			28	.00			
		Nov 7	.15			1954 Sep 7	-			
		14	.55	2		13	.99			
		21	1.25	12		27	.50			
		28	1.55	35		Oct 5	.11			
		Dec 5	.40	28		16	.29			
		12	.90	37		18	.00			
		16	1.96	22		27	.10			
		23	.89	24		6	.20			
		30	.15	27		16	.20			
		14	.98	66		23	.00			
		21	.93	84		30	.10			
		28	.09	84		16	.95			
		Feb 6	.00	35		57	.60			
		13	.30	44		23	.15			
		20	.10	51		13	.10			
		27	.40	51		1944 Jan 10	5.41	20		
						23	.10			
						Feb 28	2.30	30		
						May 5	-	67		
						Sep 11	-			
						1944 Jan 10	5.41	20		
						29	.10			
						1950 Feb 23	4.75			
						Apr 2	1.90			
						May 29	2.20			
						Oct 25				

Table 1 continued

Precipitation Measurements

COLORADO

Observation date	Amount since last obs. (inches)	Snow on grnd. (in.)	Observation date	Amount since last obs. (inches)	Snow on grnd. (in.)	Observation date	Amount since last obs. (inches)	Snow on grnd. (in.)	Observation date	Amount since last obs. (inches)	Snow on grnd. (in.)	Observation date	Amount since last obs. (inches)	Snow on grnd. (in.)	Observation date	Amount since last obs. (inches)	Snow on grnd. (in.)	Observation date	Amount since last obs. (inches)	Snow on grnd. (in.)	Observation date	Amount since last obs. (inches)	Snow on grnd. (in.)							
Deadman Hill, cont.																														
1951 Feb 27	.85		1941 Apr 28	.22		1943 May 15	.60	1	1945 Jun 2	.01		1947 Apr 21	.00																	
Mar 27	1.10		29	.06		22	.90	0	16	.00		24	.50	4																
May 1	4.30		May 3	.14		29	.10		23	.01		25	.23	4																
Oct 15	-		4	.13		Jun 5	.35		30	.00		28	.67	7																
Nov 13	2.15	6	6	.09		12	.25		Jul 14	.05		30	.00	0																
			7	.12		19	.05		20	.40		May 3	.00																	
1952 Feb 29	7.65		23	.23		26	.05		21	.15		10	1.20																	
Mar 29	1.90		Jun 8	.63		Jul 3	.30		28	.10		16	.80	4																
Apr 29	2.50		15	.52		10	.00		15	.57		12	.30	3																
Oct 13	-		22	.15		17	.20		24	.60		24	.45	5																
1953 May 1	10.50	48	31	.14		24	.15		11	.70		31	.20	7																
			Jul 6	.06		31	1.15		18	.18		19	.05	0																
Dillon IS			13	.35		Aug 8	1.25		23	.20		23	1.00	0																
1939 Dec 9			20	.10		14	.40		21	.90		28	.26	2																
28	.32		27	.39		Sep 4	.10		25	.00		29	.46	2																
29	.30		31	.10		11	.00		15	.18		Oct 7	.90	1																
31	.10		31	.00		18	.00		14	.79		29	.04	1																
1940 Jan 3	.21		15	.22		25	.24		30	.05		Nov 4	.12	1																
6	.38	18	22	.35		Oct 2	.10		30	.00		13	.00	0																
11	.59	18	30	.05		8	.00		20	.00		30	.00	0																
13	.82	26	30	.05		T	.12		27	.35		Dec 15	.00	1																
27	.60	28	9	.15		T	.20		Dec 4	.00		27	.15	2																
Feb 2	.18	22	13	.18		2	T		13	.35		1946 Jan 5	.10	4																
14	.42	25	22	.18		25	T		18	.00		12	.55	6																
24	.22	24	25	.16		26	T		25	.10		29	.04	1																
Mar 6	.34	22	26	.14		4	T		31	.10		Nov 6	.25	0																
18	.54	20	28	.36		5	T		20	.00		20	.00	1																
29	.25	8	Nov 3	.60	7	27	.35		26	.15		24	.00	2																
Apr 11	1.30	T	8	.38	-	1944 Jan 8	.05		26	.35		24	.22	2																
30	1.25	T	9	.00		15	.15	1	31	.10		22	.45	0																
May 7	.19	0	14	.08		22	.00	1	28	.00		16	.30	2																
13	.25		15	.14		29	.55	4	Mar 8	.52	1	20	.62	5																
17	.24		30	.00	3	Feb 5	.10	1	16	.16	0	27	.03	5																
21	.77	1	Dec 5	.30	5	12	.15	2	23	.09		31	.05	0																
26	.26	0	10	.00		19	.30	2	Apr 8	.65	2	30	.00	4																
27	.14		18	.13	6	26	.15	3	May 4	.65	0	31	.01	0																
Jun 6	.08		22	.27	10	31	.22	8	Feb 8	.23	4	Nov 7	.37	1																
15	.07		31	.25	-	11	.05	0	Mar 8	.52	1	14	.08	2																
20	.24		31	.25	8	11	.05	0	25	.05	0	20	.62	5																
21	.12		1942 Jan 5	.09	10	1	.00	0	30	.00		27	.03	4																
30	.19		10	.01	26	26	.22	1	Apr 8	.00	6	31	.00	0																
Jul 1	.10		18	.10	19	24	.22	2	May 5	.31	5	May 4	.00	0																
8	.28		18	.10	19	24	.22	2	13	.07	0	20	.68	2																
15	.83		27	.24	21	24	.24	2	29	.00		21	.08	0																
22	.53		31	.14	22	24	.24	2	Jun 18	.40	0	19	.08	3																
29	.08		Feb 2	.06	-	27	.00	3	25	.05	0	25	.67	9																
Aug 5	.00		9	1.20	33	30	.95	5	Jul 11	.20	0	26	.23	11																
12	.04		16	.23	-	30	.00	5	Jun 3	.16	0	27	.25	16																
19	.27		22	.30	32	27	.38	5	1948 Jan 5	.00	2	27	.25	16																
26	1.11		29	.00	30	30	.00	5	20	.00	0	Feb 7	.00	16																
31	.00		Mar 4	.08	-	30	.00	0	19	.23	0	21	.35	18																
Sep 9	.72		8	.44	-	27	.25	2	14	.40	1	24	.20	10																
16	.44		15	.35	26	27	.25	2	22	.25	1	22	.20	9																
18	.00		20	.46	-	27	.13	2	13	.07	0	25	.25	11																
23	.08		27	.38	-	12	.09	0	20	.00		26	.15	5																
30	.73		31	.00	24	28	.00	0	19	.15	0	29	.30	10																
Oct 6	.30		Apr 20	1.02	-	26	.00	0	12	.09	0	30	.00	0																
13	.10		20	1.22	-	26	.00	0	9	.05	0	Sep 2	.00	0																
27	.13		May 7	.62	-	17	.05	0	16	.05	0	28	.20	2																
31	.06		May 17	.41	31	.05	0	7	14	.20	0	29	.00	0																
Nov 4	.40		May 31	.00	23	.02	0	30	.19	0	Oct 7	1.03	5																	
9	.13	4				Oct 14	.43		15	.30		Oct 12	.57	18																
13	.45	8				21	.35		21	.10		19	.00	12																
18	.00	6				28	.00		31	.25		19	.12	7																
26	.00	4				25	.00		9	.65	10	24	.33	10																
Dec 10	.00	3				1	.28		18	.15	7	25	.25	12																
18	.10	5				9	.13	1	20	.88																				

Table 1 continued

Precipitation Measurements

COLORADO

Observation date	Amount since last obs. (inches)	Snow on grnd. (in.)	Observation date	Amount since last obs. (inches)	Snow on grnd. (in.)	Observation date	Amount since last obs. (inches)	Snow on grnd. (in.)	Observation date	Amount since last obs. (inches)	Snow on grnd. (in.)	Observation date	Amount since last obs. (inches)	Snow on grnd. (in.)	
Fairplay, cont.															
1948			1950			1951			1953						Grand Lake 1N
Oct 28	.40	3	Feb 28	.17	3	Oct 21	.37		May 9	.04		1939			
29	.35	3	Mar 7	.13	2	27	.68		13	.20		Dec 11			
31	.00		9	.05	2	31	.00		16	.92		12	.05	2	
Nov 1	.27	2	11	.60	5	5	.25		18	.20		23	.02	1	
7	.08	1	19	.13	2	13	.36		25	.00		26	.18	2	
11	.20	4	27	.12	T	14	.16		28	.86		28	.10	3	
19	.10	4	28	.10	T	21	.05		29	.05		29	.10	5	
30	.00	3	29	.01	T	30	.00		30	.10		30	.10	6	
Dec 6	.21	4	31	.04	T	31	.00		31	.00		31	.20	7	
11	.21	4	Apr 4	.40	4	Apr 4	.15		Jun 8	.07		1940			
12	.14	6	10	.12	2	7	.15		15	.15		Jan 1	.20	8	
23	.32	8	16	1.18	10	14	.07		19	.26		3	.10	9	
24	.50	12	22	.00	T	26	.28		20	.31		5	.20	11	
28	.13	14	29	.05	1	29	1.00		30	.00		10	.20	14	
31	.00		May 12	.00	0	31	.42		Jul 6	.11		13	.70	18	
									12	.55		18	.20	20	
1949									17	.65		21	.10	21	
Jan 3	.25	18							18	.39		25	.30	19	
10	.15	14							26	.23		27	.10	20	
22	.00	12							28	.16		31	.00	14	
25	.01	12							31	.98		Feb 4	.20	17	
27	.13								Aug 9	.38		7	.10	18	
29	.12	15							Feb 5	.05		11	.10	19	
31	.00								14	.00		15	.25	19	
Feb 11	.12	15							25	.04		27	.50	17	
16	.00	12							28	.19		Mar 6	.15	14	
23	.02	6							31	.06		9	.40	14	
27	.14	8							Oct 13	.00		10	.20	14	
Mar 5	.07	6							14	.06		27	.80	9	
14	.05	4							19	.03		29	.10	9	
16	.05	4							21	.55		31	.05	7	
20	.05	2							26	.06		Apr 2	.35	8	
25	.11	1							28	.20		6	.10	2	
29	.54	8							31	.15		10	.30	22	
30	.13	8							Oct 13	.00		11	.10	2	
31	.09	5							12	.05		24	.40		
Apr 5	.23	3							13	.30		28	.20		
11	.04	1							19	.10		29	.15		
20	.26	0							21	.55		May 7	.25		
25	.00								26	.06		12	.10		
May 1	.02								30	.51		13	.10		
5	.51								May 5	.00		16	.10		
6	.62	7							12	.07		17	.10		
7	.67	12	0						17	.65		18	.10		
12	.64								24	.12		21	.40		
16	.49								24	.00		26	.10		
23	.05								31	.00		Jun 7	.40		
29	.55								31	.55		9	.10		
31	.00								16	.09		23	.65		
Jun 6	3.03								19	.09		Jul 1	.75		
7	.22								23	.03		2	.10		
8	.09								25	.50		6	.30		
9	.06								26	.80		20	1.40		
14	.20								28	.42		27	.65		
20	.10								29	.66		31	.00		
27	.00								31	.05		Aug 10	.05		
30	.02								Oct 2	.00		17	.00		
Jul 3	.17								12	.07		24	.90		
7	.70								13	.54		31	1.10		
8	1.65								21	.08		Sep 21	.90		
9	.41								23	.14		30	1.10		
10	.33								29	.40		Oct 5	.35		
11	.21								30	.19		12	.20		
12	.03								Aug 8	.00		26	.00		
13	.35								15	.10		31	.20		
14	.26								24	.19		Nov 9	.35		
23	.15								19	.18		16	.35		
31	.00								22	.12		23	.00		
Aug 2	.21								30	.12		30	.05		
3	.32								Oct 31	.00		Dec 7	.00		
8	.03								Nov 2	.12		14	.50		
10	.54								3	.03		21	.10		
16	.07								9	.20		28	.30		
22	.06								17	.40		31	.10		
31	.31								22	.28					
Sep 6	.19								24	.16		1941			
12	.59								25	.08		Jan 1	.10	7	
15	.03								30	.00		6	T	7	
26	.27								May 2	.23		21	.10		
30	.09								7	.00		28	.30		
Oct 9	1.55	8							11	.47		31	.10		
17	.00								17	.27					
20	1.13	4							21	.06		20	T	8	
30	.28	3							23	.00		21	.15	10	
Nov 14	.00								28	.04		22	.05	11	
21	.05								30	.20		23	.10	12	
30	.00								Jul 4	.36		25	.20	14	
Dec 19	.06	T							6	.45		31	T	12	
26	.03	T							Feb 9	.55		Feb 8	.00		
1950									16	.12		15	.50		
Jan 3	.25	2							20	.19		22	.75		
9	.04	1							28	.00		28	.15		
16	.23	1							30	.44		Mar 8	.15		
17	.12	1							Mar 9	.02		15	.95		
24	.53	4							23	.44		22	.00		
25	.05	4							30	.55		31	.75		
30	.14	4							31	.06		Apr 5	1.50		
31	.08	5							31	.01		12	.40		
Feb 6	.00	2							31	.51		14	.95		
12	.35	5							14	.11		26	.45		
21	.10	2							21	.27		30	1.00		
27	.10	1							27	.10		May 10	.20		
									31	.00		17	.10		
									31	.30		24	.15		
									Jun 7	.20		31	.30		

Table 1 continued

Precipitation Measurements

COLORADO

Observation date	Amount since last obs. (inches)	Snow on grnd. (in.)	Observation date	Amount since last obs. (inches)	Snow on grnd. (in.)	Observation date	Amount since last obs. (inches)	Snow on grnd. (in.)	Observation date	Amount since last obs. (inches)	Snow on grnd. (in.)	Observation date	Amount since last obs. (inches)	Snow on grnd. (in.)			
Grand Lake IN, cont.			Grand Lake IN, cont.														
1941 Jun 14	.20		1942 Dec 9	.05		1944 Feb 5	.15		1945 May 14	.50		1946 Jul 27	.05				
21	.80		10	.20		6	.10		15	.30		28	.15				
28	.00		11	.10		9	.20		21	.20		31	.25				
Jul 5	.20		24	.60		10	.10		30	.20		Aug 3	.05				
12	.15					15	.15		Jun 1	.90		6	.15				
19	.45					25	.65					11	.05				
26	.30		Jan 3	.10	-	Mar 3	.05	12		2	.10	12	.40				
31	.00		9	.10		5	.20	14		3	.10	13	.35				
Aug 9	.60		17	.20	-	9	.15	13		4	.20	15	.25				
16	1.25		22	.20	-	11	.15	14		6	.10	18	.10				
23	.55		23	.30	-	18	.15	11		9	.20	21	.10				
31	.20		31	.00	22	21	.45	16	10	.15	22	.10					
Sep 6	.00		Feb 11	.20	21	24	.20	16	15	.10	23	.05					
13	.30		22	.30	18	26	.20	18	23	.30	24	.10					
20	.30		23	.50	20	29	.10	22	30	.40	26	T					
27	.00		24	1.25	32	30	.35	22	Jul 10	.20	29	.10					
30	.15		28	.00	30	Apr 1	.20	22	12	.10	Sep 2	.10					
Oct 4	.00		Mar 1	.15	32	10	1.00	16	15	.30	13	.35					
11	.25		5	.60	38	13	.10	11	18	.10	18	.35					
18	.40		8	.15	36	15	.10	11	19	.05	19	.20					
27	.55		9	.25	36	17	.20	11	23	.60	22	T					
31	.15		15	.10	30	19	.10	8	24	.05	Oct 4	.20					
Nov 8	1.00		16	.05	30	21	.15	8	30	.60	5	.40					
15	.00		17	.15	33	23	.06	8	3	.50	7	.20					
22	.30		18	.30	40	25	.15	8	4	.05	12	.25					
30	.00		23	.15	41	28	.10	7	6	.10	13	.35					
Dec 1	.05	4	Apr 8	.40	13	30	.25	7	7	.10	17	.20					
5	.15	6	10	.20	12	May 2	.35	-	8	.30	19	.20					
13	.10	8	11	.10	12	8	.30	7	12	.15	24	.10					
18	.02	-	12	.05	11	11	.10	10	13	.45	30	.10					
24	.08	8	13	.05	10	18	.10	0	18	.10	31	.10					
30	.15	9				30	.10		25	.05	Nov 2	.60	8				
1942			May 4	.05		28	.35		24	.20		4	.35	11			
Jan 1	.05		6	.60		31	.15		25	.30		8	.15	8			
4	.05		7	.05		Jun 2	.05		27	.20		9	.70	13			
7	.30		8	.30		3	.30		23	.20		21	T	10			
9	.40		15	.25		21	.20		16	.60		24	.35	14			
23	.05		16	.10		24	.03		23	.05		7	.05	9			
26	.10		18	.25		25	.10		28	.35		20	.30	14			
29	.15		19	.25		29	.10		30	.23		27	.25	17			
Feb 1	.15	20	21	.05		12	.10		Oct 11	.08		29	.10	18			
4	.05	18	23	.10		13	.10		12	.05		1947					
5	.25	21	29	.20		28	.10					Jan 13	.20	20			
7	.40	24	30	.80		30	.10					15	.10	22			
8	.20	26	31	.10		Jul 19	.20					25	.15	21			
14	.10	25				20	.50					27	.20	21			
15	.10	26	Jun 2	.70		21	.20					28	.30	26			
23	.35	29	3	.05		24	.03					31	.15	31			
Mar 6	.15	24	5	.05		25	.10					Feb 10	.05	28			
12	.10	22	11	.15		29	.10					18	.25	26			
13	.30	25	12	.05		10	.10					20	.15	28			
16	.20	24	13	.10		13	.30					24	.85	38			
19	.40	28	16	.10		24	.30					28	.10	44			
Apr 18	.30	-	26	.70		25	.10					3	.15	44			
23	.15		29	.30		29	.10					5	.15	45			
24	1.05		30	.30		30	.10					6	.10	46			
26	.40		30	.20		Jul 8	.20	3				11	.20	40			
27	.10		9	.05		9	.10					14	.25	41			
30	.75		15	.05		15	.20					16	.15	41			
May 2	.50		16	.10		16	.10					17	.05	39			
5	.15		22	.45		22	.10					19	.35	39			
13	.05		28	.05		28	.10					24	.25	30			
17	.15		30	.25		30	.10					26	.25	26			
19	.05		31	.30		29	.15	5				30	.05	25			
Jun 8	.18		Aug 1	.05		28	.15	5									
9	.07		2	.15		28	.15	5									
13	.25		4	.10		23	.20	6									
14	.10		5	.10		24	.02	6									
27	.10		7	.15		25	.08	7									
30	.30		8	.25		25	.08	7									
Jul 1	.20		11	.15													
8	.25		14	.06													
14	.10		16	.20													
16	.20		21	.10													
18	.90		24	.50													
27	.15		27	.05													
29	.60		31	.10													
Aug 1	.10		17	.10													
12	.30		18	.30													
18	.15		29	.40													
22	.20		Oct 12	.45	4												
Sep 4	.10		19	.05	T												
5	.10		20	.05	2												
11	.11		23	.10	1												
12	.10		29	.10	1												
18	.15		30	.05													
Oct 13	.16		31	.05	1												
15	.10		Nov 30	.50	2												
16	.15		Dec 2	T	2												
17	.28		8	.20	4												
23	.45		10	.15	5												
24	.05		14	T	5												
30	.10		19	T	3												
Nov 2	.30	1	20	.15	6												
9	.25	2	29	T	5												
16	.10	1	30	.10	6												
17	.05	1															
25	.15	3	1944	Jan 3	.05	6											
27	.35	6															
28	.15	8	7	.25	8												
30	.30	11	24	.30	8												
Dec 1	.10		27	.10	9												
2	.15		29	.05	9												
3	.05		Feb 2	.10													

Table 1 continued

Precipitation Measurements

COLORADO

Observation date	Amount since last obs. (inches)	Snow on grnd. (in.)	Observation date	Amount since last obs. (inches)	Snow on grnd. (in.)	Observation date	Amount since last obs. (inches)	Snow on grnd. (in.)	Observation date	Amount since last obs. (inches)	Snow on grnd. (in.)	Observation date	Amount since last obs. (inches)	Snow on grnd. (in.)	
Grand Lake 1N, cont.															
1947 Aug 8	.10		1948 Apr 8	T	25	1949 Jan 4	.25	38	1955 Jun 25	19.87		1954 Jul 11	.62		
9 T			10 .05	23		5 .15	40		13 .10			13 .10			
10 .15			11 .20	24		14 .02	35		15 .07			15 .07			
11 .25			12 T	24		18 T	34		16 .12			16 .12			
12 .30			23 .05	T		20 .03	35		20 .07			20 .07			
14 .05			24 .45	4		21 T	34		24 .03			24 .03			
17 .05			25 .15	4		23 .05	33		25 .03			25 .03			
18 T			26 .05	4		25 .05	34		31 T			31 T			
21 .15			27 T	-		27 T	33		Aug 4	.07		Aug 4	.07		
22 T			28 .05	T		28 .03	34		10 .03			10 .03			
24 .25			29 .20	T		30 T	34		11 .27			11 .27			
25 T			30 .05	T		Feb 2 T	33		13 .43			13 .43			
Sep 3	.20		31 .05	T		3 Feb 2	.07	34	15 .14			15 .14			
6 .40			32 .15			3 T	34		16 .04			16 .04			
7 .05			33 .30			4 .05	34		31 T			31 T			
11 .75			34 T			7 .05	34		Sep 2	.20		Sep 2	.20		
17 .25			35 .10			8 T	34		3 .30			3 .30			
18 T			36 .10			13 T	34		5 .03			5 .03			
24 .15			37 .10			15 .05	35		8 .62			8 .62			
29 T			38 .15			16 .10	36		12 .42			12 .42			
Oct 1	.30		39 .10			21 T	35		May 2	.16		May 2	.16		
7 T			40 .25			Mar 1 .25	34		13 .27			13 .27			
8 .05			41 .30			5 .05	34		23 .62			23 .62			
11 .05			42 .10			6 .15	34		25 .42			25 .42			
12 .10			43 T			8 .05	35		26 .22			26 .22			
14 .15			44 .35			10 T	35		30 .00			30 .00			
15 .65			45 .10			11 .10	37		Oct 4	.12		Oct 4	.12		
22 .60			46 T			12 .10	39		6 .12			6 .12			
23 .35			47 .00			13 .05	39		8 .25			8 .25			
25 .05			48 -			17 .05	35		11 .18			11 .18			
29 T			49 T			21 T	33		12 .25			12 .25			
30 .05			50 .00			23 .07	34		13 .27			13 .27			
Nov 5	T		51 .15			24 .18	35		14 .62			14 .62			
6 .05	T		52 T			26 T	37		15 .72			15 .72			
7 .10	1		53 .10			27 .05	35		18 .26			18 .26			
8 .10	4		54 .25			29 .45	40		1952	-		1952 -	-		
11 .20	4		55 T			30 .40	38		Mar 31	-		Mar 31 -	-		
14 T	3		56 .10			Apr 2 .05	36		Apr 30	.22		Apr 30 .22			
15 .05	4		57 .20			8 .38	33		May 31	1.07		May 31 1.07			
16 .05	4		58 .20			10 T	32		Jun 30	.11		Jun 30 .11			
19 T	2		59 .28			11 .10	37		Jul 31	.61		Jul 31 .61			
20 .15	5		60 .28			12 .10	39		Aug 31	2.44		Aug 31 2.44			
24 T	6		61 .28			13 .05	35		Sep 30	.45		Sep 30 .45			
25 .25	5		62 .28			14 .05	33		Oct 26	1.36		Oct 26 1.36			
Dec 2	.05	5	63 T			15 T	33		Nov 31	.00		Nov 31 .00			
5 T	6		64 .09			16 .17	27		Dec 31	.34		Dec 31 .34			
6 .05	6		65 T			17 .08	18		1953	.25		1953 .25			
7 .05	8		66 .09			21 T	14		Jan 31	.10		Jan 31 .10			
10 T	8		67 .13			26 .10	T		Feb 28	.50		Feb 28 .50			
12 .10	8		68 .12			30 .25			Mar 31	1.50		Mar 31 1.50			
14 T	8		69 .62			May 5 .05			Apr 30	.87		Apr 30 .87			
15 .10	9		70 .17			7 .13			May 31	1.24		May 31 1.24			
21 T	10		71 .20			8 .08	83		Jun 12	.19		Jun 12 .19			
22 .15	11		72 .10			11 .09			30 .00			30 .00			
23 T	11		73 .02			12 .10			Jul 16	.20		Jul 16 .20			
24 .20	13		74 T			13 .35			22 .11			22 .11			
30 T	12		75 .03			14 T			27 .10			27 .10			
31 .05	13		76 .05			15 .05			28 .42			28 .42			
1948 Jan 2	T	11	77 .10			16 .30			29 .62			29 .62			
3 .10	13		78 .20	T		17 .05			30 .72			30 .72			
4 T	12		79 .21	3		18 .03			31 .08			31 .08			
5 .05	12		80 .09	3		19 .07			Aug 1 .12			Aug 1 .12			
8 .05	13		81 .10	5		20 .20			2 .06			2 .06			
9 T	13		82 .10	5		21 .20			10 .17			10 .17			
12 .05	13		83 .07	7		22 .05			14 .25			14 .25			
17 T	13		84 .11			23 .08			18 .04			18 .04			
18 .15	15		85 .03	9		24 .05			25 .42			25 .42			
21 T	14		86 .03	5		25 T			30 .62			30 .62			
22 .30	17		87 .42	14		6 .30			31 .11			31 .11			
23 .20	18		88 .7	T		7 T			30 .00			30 .00			
24 .25	20		89 .08	12		8 .30			Jun 17	26.14		Jun 17 26.14			
25 .15	21		90 .22	12		9 .05			1950	-		1950 -	-		
26 .20	22		91 .22	12		11 .10			Jun 18	32.10		Jun 18 32.10			
31 T	19		92 .10	13		12 .04			1951	-		1951 -	-		
Feb 3	T	18	93 .08	14		13 .36			1952	1.90		1952 1.90			
6 .35	22		94 .05	13		14 .05			Jun 9	35.55		Jun 9 35.55			
19 T	19		95 .04	13		16 .03			1953	.03		1953 .03			
20 .05	19		96 .02	12		17 .02			Jun 11	.16		Jun 11 .16			
21 .05	20		97 .02	12		18 .05			6 .28			6 .28			
22 .10	22		98 .26	15		23 T			20 .94			20 .94			
23 .10	23		99 .7	T		24 .05			30 .00			30 .00			
28 T	21		100 .18	16		27 .14			1954	.94		1954 .94			
29 .50	27		101 .9	T		30 .00			Jun 1	25.93		Jun 1 25.93			
Mar 1	.10	25	102 .02	17						1955	.05		1955 .05		
2 .05	24		103 .35	21						Jun 6	.10		Jun 6 .10		
5 T	23		104 .10	23						1954	.28		1954 .28		
6 .10	26		105 .05	20						Monarch Pass			Monarch Pass		
8 .05	27		106 .03	19						1940			1940 -	-	
9 T	26		107 .30	22						May 25			May 25 -	-	
10 .35	29		108 .07	21						Jun 31	.00		Jun 31 .00		
14 T	28		109 .05	22						Jun 18	.10		Jun 18 .10		
15 .05	28		110 .10	24						Jun 30	.00		Jun 30 .00		
17 T	28		111 .40	32						Jul 5	.35		Jul 5 .35		
18 .25	30		112 .30	35						22 .16			22 .16		
25 T	25		113 .60	41						31 .24			31 .24		
26 .05	27		114 .25	43						Aug 7	.75		Aug 7 .75		
29 T	25		115 .15	35						21 .35			21 .35		
30 .30	28		116 T	35						28 .120			28 .120		
31 .15	29		117 T	35						38 .38			38 .38		
Apr 1	.10	31	1949 Jan 1	T	35	1949 Jun 26	24.10		Jun 17	15.56		31 .27			
4 .15	28		1954 Jun 26			1954 Jun 26	19.87					21 .27			
5 T	27		1954 Jun 26			1954 Jun 26	19.87					21 .27			
7 .20	26		1954 Jun 26			1954 Jun 26	19.87					21 .27			

Table 1 continued

Precipitation Measurements

COLORADO

Observation date	Amount since last obs. (inches)	Snow on grnd. (in.)	Observation date	Amount since last obs. (inches)	Snow on grnd. (in.)	Observation date	Amount since last obs. (inches)	Snow on grnd. (in.)	Observation date	Amount since last obs. (inches)	Snow on grnd. (in.)	Observation date	Amount since last obs. (inches)	Snow on grnd. (in.)
Monarch Pass, cont.														
1940 Sep 26	.63		1945 Nov 15	.28		1939 Nov 19	.10		1954 Jun 14	28.86		1949 May 25	17.90	
30	.97		24	.07		30	.10		1955 Jun 23	38.53		1950 Jun 13	26.52	
Oct 10	.80		30	.00		Dec 23	.04					1951 Jun 25	24.45	
22	.53		Dec 8	.02		31	.13					1952 Jun 13	32.40	
30	.81		15	.01								1953 Jun 18	31.20	
Nov 13	1.02		26	.10								1954 Jun 5	32.13	
23	.84		31	1.03								1955 Jun 15	31.48	
30	.00													
Dec 17	2.03													
27	.67		1951 Jan 10	.26		1940 Jan 1	.21							
31	.57		23	2.11		2	.03							
			31	1.65		10	.12							
1941 Jan 12	1.09					17	1.03							
31	1.72		28	.80		Mar 2	1.28							
Feb 10	.78					5	.26							
28	2.19		Mar 9	.31		11	.72							
Mar 31	4.61		21	.31		26	.24							
Apr 30	3.83		31	1.12		31	.00							
May 31	3.62					Apr 11	.54							
Jun 30	4.82		30	.42		16	1.20							
Jul 31	2.28		May 4	.31		29	.20							
Aug 31	2.36		11	.69		May 6	.28							
Sep 30	1.62		21	.23		18	1.02							
Oct 31	5.00		31	.05		27	.13							
Nov 30	2.28		Jun 8	.61		Jun 11	.14							
Dec 12	.72		20	.11		20	.14							
26	.22		30	.00		30	.00							
31	1.40					Jul 8	.66							
			31	.04		13	.38							
1942 Jan 12	1.11		Aug 12	.08		31	.52							
31	1.00		31	.08		Aug 6	1.12							
Feb 28	1.53		Sep 11	.02		8	.30							
Mar 31	1.72		25	.00		11	.08							
Apr 30	3.46		30	.03		18	.57							
May 31	.02					31	.00							
Jun 30	1.20		25	.19		Sep 16	1.03							
Sep 25	-		31	.40		25	.20							
30	.01					Oct 1	.67							
Oct 16	.06		30	.05		6	.34							
31	.09					20	.79							
Nov 30	3.87		Dec 8	1.00		31	.00							
Dec 31	4.04		15	.12		Nov 12	.70							
			31	2.31		14	.08							
1943 Jan 31	4.83					24	.92							
Feb 28	.90		Jan 9	2.07		30	.00							
Mar 31	5.25		17	.73										
Jul 17	-		24	.52		1941 Feb 1	-							
31	.37		31	1.44	68	12	.32							
Aug 15	.36		Feb 9	.34		13	.14							
30	.43		19	.06		19	.05							
Sep 4	1.00		29	.14		20	.07							
15	.97		Mar 8	.09		26	.12							
31	.00		14	.21		13	1.78							
30	.12		21	.11		26	1.36							
Oct 16	.70		Apr 10	.18		29	.80							
31	1.12		18	.02		11	.17							
Nov 16	.06		26	.39		18	1.81							
30	.03		May 16	1.26		22	2.12							
Dec 15	.16		31	.19		28	.21							
31	1.02		Jun 30	.22		May 10	.51							
			31	.60		18	.94							
1944 Jan 15	.94		Sep 29	1.40		24	1.25							
31	1.10		Nov 1	.00		29	1.14							
Feb 15	.03		Dec 1	2.50		Nov 30	.96							
29	1.11		31	1.60	32	Dec 28	.96							
Mar 15	1.60					31	.33							
31	1.86		1953 Jan 31	3.10	37	Jul 5	.41							
Apr 15	2.01		Feb 28	1.50	47	12	.10							
30	1.81		Apr 2	3.10	50	14	.31							
May 15	1.19		30	3.40	44	29	.37							
31	.16					Feb 8	.31							
Jun 15	.80		May 30	1.60		12	.85							
30	.06		Jul 3	.40		23	.46							
Jul 5	-		31	4.30		25	.45							
15	.02		Sep 1	1.10		27	1.85							
31	.03		30	.80		Apr 29	10.85							
Aug 31	.09		Oct 31	1.80	4	May 9	.15							
Sep 15	.00		Nov 30	2.20	24	18	.05							
30	.81		Dec 31	4.10	35	31	.05							
Oct 2	.55													
15	.04		1954 Jan 31	1.40	32	Sep 4	10.85							
31	.00		Feb 28	1.80	36	1948 Jun 7	39.90							
Nov 15	.18		Apr 2	4.30	47	1949 May 31	30.60							
30	.05		30	1.00		1950 Jun 1	43.70							
Dec 15	.60					1951 Jun 14	48.74							
30	1.12		May 31	1.50		1952 Jun 10	48.74							
1945 Jan 16	.99		Jun 30	.10		1949 Aug 9								
31	1.14		Jul 31	4.10		1953 Jun 15	-							
Feb 28	1.88		Aug 31	1.50		1954 Jun 3	39.33							
Mar 30	2.91		Sep 30	2.10		1955 Jun 14	54.75							
Apr 15	2.78		Oct 30	.60		1945 Jan 31	1.30	18						
30	1.79		Nov 30	2.00	8	1951 Feb 28	1.00	21						
May 31	.23		Dec 31	2.40	23	1952 Mar 31	1.75							
Jun 30	1.13		1955 Jan 31	3.00	32	1953 Apr 18	1.35							
Jul 31	2.20		Feb 28	2.40	52	1954 May 31	.70							
Aug 31	2.11		Mar 31	1.60	66	1955 Jun 30	.30							
Sep 30	.74		Apr 29	.60		1948 Jul 1	.45							
Oct 15	.04		May 31	2.80		1948 Aug 31	1.70							
31	.76		Jul 1	.00		1948 Sep 30	1.05							
Nov 5	.04					1948 Oct 31	2.65							

Table 1 continued

Precipitation Measurements

COLORADO

Observation date	Amount since last obs. (inches)	Snow on grnd. (in.)	Observation date	Amount since last obs. (inches)	Snow on grnd. (in.)	Observation date	Amount since last obs. (inches)	Snow on grnd. (in.)	Observation date	Amount since last obs. (inches)	Snow on grnd. (in.)	Observation date	Amount since last obs. (inches)	Snow on grnd. (in.)	
Rio Grande Reservoir, cont.															
1945 Nov 30	.10		1953 Jan 31	.00		1943 Jan 1	.00	8	1945 May 28	.00		1948 Sep 30	.85		
Dec 31	.50		Feb 10	.05		Feb 18	.28	9	Jun 11	.00		Oct 31	1.35		
1946 Jan 31	.20	6	14	.15		Feb 21	1.66	17	18	.40		Nov 30	.40		
Feb 28	.40		28	.20		8	.39	20	25	.00		Dec 31	2.50		
Mar 30	3.65	19	Mar 2	.05		15	.08	18	Jul 2	.00		1949 Jan 31	3.15		
Apr 30	2.55		4	.10		22	.00	14	10	.20		Feb 28	1.60		
May 31	1.40		13	.00		Mar 2	.58	12	30	1.75		Mar 31	1.05		
Jun 30	.30		31	.30		8	.12	12	Aug 6	.35		Apr 30	.85		
Jul 31	3.55		30	.05		15	.81	9	13	.40		May 31	1.65		
Aug 31	2.70		May 20	.80		22	-	5	20	.20		Jun 30	1.90		
Sep 30	1.05		28	.65		30	.06	0	27	.30		Jul 31	4.85		
Oct 31	3.80		31	.00		12	.32		Sep 4	.20		Aug 31	1.30		
Nov 5	.15		Jun 1	.05		19	.40		Oct 1	.45		Sep 30	1.40		
30	1.90	10	12	.25		26	.00		8	.05		Oct 31	.60		
Dec 31	.30		30	.25		May 2	.40		22	.05		Nov 30	.35		
1947 Jan 31	1.95	28	Sep 15	4.90		11	.00		29	.25		Dec 31	.70		
Feb 28	.15	25	29	.00		22	.08		Nov 5	.00		1950 Jan 31	3.95		
Mar 31	1.15	15	Oct 31	4.23		29	.04		12	.20		Feb 28	.50		
Apr 30	2.00	0	Nov 30	1.30		Jun 2	.09		19	.20		Mar 31	.65		
May 31	2.55		Dec 31	.20		7	.18		26	.10		Apr 30	.70		
Jun 30	2.55		1954 Jan 31	.30		14	.25		Dec 3	.00		May 31	.45		
Jul 31	1.20		Feb 28	.10		21	.01		10	.00		Jun 30	1.15		
Aug 31	3.90		Mar 31	1.30		28	.24		17	.35		Jul 31	3.25		
Sep 30	2.40		Apr 30	.55		12	.22		31	.45		Aug 31	.20		
Oct 31	3.75		May 31	2.80		26	1.43		1946 Jan 7	.05		Sep 30	1.50		
Nov 30	1.20	10	Jun 30	.25		31	.58		14	.30		Oct 31	.70		
Dec 31	2.15	26	Jun 29	.25		Aug 2	.00		25	.30		Nov 30	.90		
1948 Jan 31	.95	28	Jul 31	4.60		16	3.06		Feb 4	.30		Dec 31	.60		
Feb 28	3.10		Aug 31	2.70		23	.13		Oct 18	.46		1951 Jan 31	1.40		
Mar 31	2.70	44	Sep 30	2.20		30	.06		Nov 8	1.45		Feb 28	1.10		
Apr 30	1.65	8	Oct 31	1.25		Sep 13	1.05		Mar 2	.40		Mar 31	1.40		
May 31	2.65		Nov 30	1.05		20	.05		4	.10		Apr 30	1.60		
Jun 30	2.25		Dec 31	1.00		27	.34		6	.00		May 31	.80		
Jul 31	1.55		1955 Jan 31	1.10		Oct 18	.46		11	.20		Jun 30	.10		
Aug 31	1.00		Feb 28	.90		Nov 8	1.45		18	.40		Jul 31	.75		
Sep 30	1.65		Mar 31	.50		Feb 7	.04		31	.75		Aug 31	1.50		
Oct 31	1.55		Apr 30	.40		Dec 2	.65		Apr 8	1.50		Sep 30	.15		
Nov 30	.30		May 31	3.15		6	.00		15	.30		Oct 31	1.10		
Dec 31	1.70	15	Jun 30	.45		13	1.38		22	.05		Nov 30	1.35		
1949 Jan 31	5.40	47	1941 Jan 3	.15		14	.00		29	.20		Dec 31	7.65		
Feb 28	.30	40	Sep 20	.26		10	.55		May 6	.90		1952 Jan 23	3.40		
Mar 31	2.35	38	26	.76		31	.00		13	.05		31 Mar 1	1.40		
Apr 30	2.05	16	Oct 1	.00		14	.40		20	.15		Feb 29	-		
May 31	2.55		4	.12		21	1.05		27	.05		Mar 2	.60		
Jun 30	2.60		9	.11		28	.90		Jun 3	.10		31	1.65		
Jul 31	1.35		14	.66		13	.10		16	.18		Apr 30	.85		
Aug 31	.60		25	.76		25	.10		23	.35		May 31	2.05		
Sep 30	1.65		Nov 1	.29		20	1.40		30	1.00		Jun 30	.40		
Oct 31	1.55		10	.04		27	.40		Oct 7	.10		Jul 31	2.00		
Dec 31	.15		21	.71		Apr 3	.10		14	.25		Aug 31	4.10		
1950 Jan 31	1.25		26	.00		10	.70		21	.25		Sep 30	1.70		
Feb 28	.65		Dec 4	.02		17	.70		28	.15		Oct 31	.00		
Mar 31	.25		8	.09		24	.65		Nov 4	2.60		Nov 30	1.85		
Apr 30	1.50		16	.00		May 1	1.25		11	.25		Dec 31	.65		
May 31	.00		27	.61		8	.00		25	.40		1953 Jan 31	1.15		
Jun 30	.90		1942 Jan 4	.50		22	.10		Dec 2	.00		Mar 2	1.00		
Jul 24	1.23		19	.00		30	.00		3	.00		31	.50		
31	.00		26	.01		Jun 12	.35		28	.25		Apr 30	1.35		
Aug 31	2.00		Jul 31	.34		25	.00		Nov 4	2.60		May 31	.50		
Sep 30	3.10		Feb 11	.27		31	.34		11	.25		Jun 30	.30		
Oct 31	.20		Mar 2	1.53		21	.30		18	.25		Jul 31	1.75		
Nov 30	.55		9	.50		28	.19		13	.30		Aug 31	2.20		
Dec 31	.95		16	.69		Sep 4	.00		20	.60		Sep 30	.30		
1951 Jan 31	.40		23	.78		18	.01		31	.35		Oct 31	1.00		
Feb 28	.15		24	.34		25	.05		Feb 3	.00	12	Nov 30	.90		
Mar 31	.30		27	.32		Oct 17	1.21		27	.00		Dec 31	.85		
Apr 30	1.20		May 1	.11		30	.00		31	.35		1954 Jan 31	.85		
May 31	.45		5	.04		Nov 6	.05		10	.05	7	Feb 28	.35		
Jun 30	.20		19	.05		13	.59		17	.00	5	Mar 31	2.05		
Oct 23	-		Jun 1	.02		20	.20		24	.10	4	Apr 30	.10		
Nov 30	2.20		4	.64		27	.16		28	.85	8	May 31	.95		
1952 Feb 26	13.90		15	.15		Dec 4	.65		17	.45	4	Jun 30	.45		
Mar 1	.00		25	.00		11	.05		24	.10	2	Jul 31	3.75		
31	2.20		17	1.10		22	.07		31	.10	1	Aug 31	1.40		
Apr 30	1.65		16	.53		Feb 5	.15		21	.05	0	Sep 30	1.00		
May 31	.80		Aug 1	.53		15	.00		28	.65		Oct 31	.15		
Jun 30	1.10		28	.06		29	.95		May 5	.00		Nov 30	.55		
Jul 31	2.30		Sep 1	.58		Feb 12	.02		12	.80		Dec 31	.75		
Aug 31	2.65		23	.73		19	.08		21	.23		1955 Jan 31	.15		
Sep 30	-		Oct 5	.00		26	.70		Sep 30	1.05		Feb 28	2.00		
Oct 31	.00		27	.48		Mar 5	.50		Oct 31	1.16		Mar 31	.60		
Nov 4	.10		Nov 2	.48		12	.40		Nov 30	1.16		Apr 30	1.70		
9	.35		16	.14		19	1.40		Dec 31	.75		May 31	2.25		
16	1.40		23	.12		26	.20		1948 Jan 31	1.20		Santa Maria Reservoir			
24	.45		27	.00		31	.20		Feb 29	3.75		1939 Dec 1			
26	.20		Dec 6	.53	7	Apr 9	1.40		Mar 31	2.50		Jan 31	1.20		
30	.00		14	.00	4	16	.20		Apr 30	1.10		Feb 28	2.00		
Dec 31	.65		21	.00	1	25	.20		May 31	3.15		Mar 31	.60		
1953 Jan 15	.45		28	1.14	12	30	.40		Jun 30	1.25		Apr 30	1.70		
						May 7	.00		Jul 31	1.20		May 31	2.25		
						14	.20		Aug 31	.90		Jun 30	.15		
												1939 Dec 31	1.04	2	

Table 1 continued

Precipitation Measurements

COLORADO

Observation date	Amount since last obs. (inches)	Snow on grnd. (in.)	Observation date	Amount since last obs. (inches)	Snow on grnd. (in.)	Observation date	Amount since last obs. (inches)	Snow on grnd. (in.)	Observation date	Amount since last obs. (inches)	Snow on grnd. (in.)
Santa Maria Reservoir, cont.											
1940			1944			1948			1952		
Jan 6	1.04	3	Jun 14	.35		Apr 30	1.25		Jan 27	1.30	
14	.90	10	30	.45		May 31	.20		Feb 26	2.52	
Feb 3	.40	6	Jul 15	.35		Jun 30	1.22		Mar 30	2.94	
13	.21	10	31	.60		Jul 24	1.75		Apr 26	4.82	
27	.33	8	Aug 3	.01		31	.05		May 24	2.46	
Mar 14	.41	2	15	.82		Aug 31	.70		Jun 3	1.64	
Apr 30	.90	0	31	.45		Sep 30	1.90		12	.71	
May 20	1.11		Sep 15	.20		Oct 31	.25		23	1.18	
25	.12		30	1.80		Nov 30	.50		30	.38	
Jun 29	.52		Oct 17	1.10		Dec 31	.80		Jul 31	2.38	
Aug 31	2.90		31	.40		1951			Aug 31	4.00	
Sep 6	-		Nov 15	.30		Jan 31	.25		Sep 30	1.87	
18	.83		30	.20		Feb 28	.60		Oct 31	2.42	
30	1.35		Dec 15	.30		Mar 31	.10		Nov 30	2.56	
Oct 31	.95		31	.20		Apr 30	1.05		Dec 31	4.13	
Nov 26	1.05	7	1945			May 31	.40		1952		
Dec 15	.45		Jan 16	.00		Jun 30	.05		Jan 31	1.92	
26	.03		Feb 16	.45		Jul 31	1.40		Feb 28	1.47	
31	.09		28	.30		Aug 31	3.00		Mar 31	2.06	
1941			Mar 17	.80		Sep 30	.20		Apr 30	3.28	
Jan 13	.33	15	31	.10		Oct 31	1.30		May 31	2.91	
31	.40	20	Apr 15	.70		Nov 30	1.75		Jun 30	2.35	
Feb 13	.33	24	21	.42		Dec 31	2.35		Jul 31	2.66	
28	.05	24	28	.85		1953			Aug 31	4.22	
Mar 11	.05	24	May 31	.40		Jan 31	1.90	38	Sep 17	.95	
26	1.34	26	Jun 16	.00		Feb 29	.05		Oct 20	.52	
31	.11	22	30	.10		Mar 31	.65		Nov 25	1.78	
Apr 6	.25	19	Jul 15	.40		Apr 30	2.00		Dec 31	1.44	
14	.50	24	31	.75		May 31	1.00		1955		
20	.27	24	Aug 16	2.05		Jun 30	.50		Jan 5	.13	
25	.63	20	31	1.25		Jul 31	2.40		14	.21	
30	.32	16	Sep 15	.00		Aug 31	3.05		18	.42	
May 22	1.38		Oct 31	1.75		Sep 30	1.85		Feb 1	.52	
31	1.15		Nov 30	.20		Oct 31	.00		Mar 1	.35	
Jun 8	1.15		Dec 31	.45		Nov 30	1.00		9	.19	
Jul 7	.30		1946			Dec 31	.50		10	.32	
17	1.00		Jan 15	.30		1954			17	.27	
31	.55		31	.10		Jan 15	.30		20	.46	
Aug 9	.35		Feb 19	.30		1953			24	.62	
17	1.40		28	.00		Jan 31	.50		28	.06	
31	.25		Mar 31	1.90		Feb 28	.55		May 3	.11	
Sep 14	.45		Apr 30	1.45		Apr 1	.95		4	.06	
24	1.35		May 16	1.15		May 1	1.00		10	.04	
25	.00		31	.35		Jun 1	1.50		17	.15	
30	.32	16	Jun 17	.10		Jul 1	.45		18	.82	
Oct 5	1.00		30	.10		Aug 1	2.95		19	.78	
31	3.91		Jul 30	3.60		Sep 1	2.35		22	.33	
Nov 30	.00		Aug 15	1.45		Oct 1	.15		23	.15	
Dec 16	.00		31	2.70		Nov 1	2.70		26	.40	
29	.25		Sep 16	.20		Dec 1	1.25		27	.15	
1942			30	.70		1954			28	.25	
Jan 31	.95	7	Oct 16	1.20		Jan 1	.25		Jun 2	.08	
Feb 16	.27	12	31	1.05		Feb 1	.50		4	.30	
28	.00	12	Nov 30	1.10		Mar 1	.35		5	.32	
Mar 31	.18	8	Dec 31	1.00		Apr 1	1.15		6	.63	
Apr 7	.78	12	1947			May 1	.90		8	.04	
23	2.28	0	Jan 31	.60		Jun 1	1.60		12	.12	
30	.65		Feb 28	.55		Jul 1	.50		13	.08	
May 31	.45		Mar 31	.60		Aug 1	3.05		14	.62	
Jun 30	.15		Apr 30	1.70		Sep 1	2.65		15	.15	
Jul 17	1.02		May 31	1.55		Oct 1	2.05		17	.32	
31	.93		Jun 30	1.85		Nov 1	.95		1941		
Aug 14	.30		Jul 31	1.70		Dec 1	.65		Sep 23		
31	.27		Aug 31	3.80		1955			1954		
Sep 30	.73		Sep 30	2.15		Jan 1	.50		Oct 8	.75	
Oct 31	1.38		Oct 31	2.20		Feb 1	.30		27	.53	
Dec 1	.30	6	Nov 30	.55		Mar 1	.35		Nov 5	.07	
31	.85	10	Dec 15	1.00		Apr 1	.10		Oct 31	-	
1943			31	.35		May 1	.90		Nov 5	.07	
Jan 19	.60	12	1948			Jun 1	2.15		Feb 15	.04	
24	1.00	24	Jan 29	.85		Jul 1	.25		30	.78	
30	.00	20	Feb 29	2.40		1948			Oct 8	.75	
Feb 8	.20	19	Mar 31	1.00		Sapinero 8 E			27	.53	
23	.55	14	Apr 30	1.25		Sep 15			Nov 8	.00	
Mar 16	1.00	20	May 31	2.30		1949			29	1.70	3
30	.31	15	Jun 30	1.40		Jun 2	10.30		Apr 21	.07	
Apr 30	.52	0	Jul 31	.95		1950			May 1	.98	
May 7	.77		Aug 7	.90		Jun 10	15.28		11	.14	
31	.45		Aug 31	.95		1951			15	.18	
Jun 11	.55		Sep 30	1.45		Jun 26	12.70		17	.19	
30	.83		Oct 31	.90		1952			21	.06	
Jul 31	2.12		Nov 30	.20		Jun 17	20.00		22	.12	
Aug 10	1.15		Dec 31	1.40		1953			26	.52	
31	2.25		1949			Jun 2	10.30		Jun 6	.04	
Sep 25	.24		Jan 31	2.80		1954			14	.13	
29	.35		Feb 28	.55		Jan 1	.50		16	.05	
Oct 20	.90		Mar 17	.25		Feb 1	.60		26	.75	
31	1.15		31	.85		Mar 1	.10		31	.00	
Nov 14	.05		Apr 30	1.30		Apr 1	.98		Apr 9	1.85	
30	1.00		May 31	1.70		May 1	.90		17	.85	
Dec 15	1.00		Jun 30	2.30		Jun 8	16.67		25	.25	
30	.00		Jul 31	2.45		Jun 18	16.07		30	.40	
1944			Aug 31	.65		1955			Jul 24	-	
Jan 15	.05		Sep 30	1.00		Silver Lake			Aug 1	.70	
31	.90		Oct 2	.00		Sep 1	2.50		13	1.00	
Feb 16	.30		Oct 31	1.20		Oct 6	.84		29	.25	
29	.45		Nov 30	.10		Nov 29	5.16		Sep 7	.90	
Mar 15	1.85	36	Dec 31	1.10		Dec 28	2.66		21	.00	
31	.40	32	1950			1950			Oct 29	1.15	
Apr 15	.85		Jan 31	1.28		Sep 1	2.50		1943		
Apr 30	1.70	18	Feb 28	.30		Oct 6	.84		Apr 1	-	
May 18	.50		Mar 31	.65		Nov 29	5.16		10	.30	17
31	.50		Sep 30	1.00		Dec 27	2.66		17	.45	13
1944			Oct 2	.00		Dec 31	1.10		30	.00	0
Jan 15	.05		Nov 30	.10		1950			May 7	.75	2
31	.90		Dec 31	1.10		Sep 1	2.50		28	.15	
Feb 16	.30		1950			Oct 6	.84		Jun 2	.60	
29	.45		Jan 31	1.28		Nov 29	5.16		30	.65	
Mar 15	1.85	36	Feb 28	.30		Dec 28	2.66		Jul 22	-	
31	.40	32	Mar 31	.65		1950			30	.55	
Apr 15	.85		Sep 30	1.00		Sep 1	2.50		Aug 3	.15	
Apr 30	1.70	18	Oct 2	.00		Oct 6	.84		6	.20	
May 18	.50		Nov 30	.10		Nov 29	5.16		14	.10	
31	.50		Dec 31	1.10		Dec 28	2.66		20	.20	

Table 1 continued

Precipitation Measurements

COLORADO

Observation date	Amount since last obs. (inches)	Snow on grnd. (in.)	Observation date	Amount since last obs. (inches)	Snow on grnd. (in.)	Observation date	Amount since last obs. (inches)	Snow on grnd. (in.)	Observation date	Amount since last obs. (inches)	Snow on grnd. (in.)	Observation date	Amount since last obs. (inches)	Snow on grnd. (in.)	
Silver Lakes Trout Club, cont.			Silver Lakes Trout Club, cont.			Silver Lakes Trout Club, cont.			Silverton 2NE, cont.			Silverton 2NE, cont.			
1943			1946			1950			1940			1943			
Aug 10	.96		Feb 5	.55	22	Jul 31	.60		Jan 28	.15	15	Jan 23	1.10	26	
15	.50		18	.30	21	Aug 31	1.20		31	.00	13	30	.55	34	
18	.65		Mar 5	.90	22	Sep 29	1.35		Feb 3	.59	19	Feb 6	.25	-	
29	.55		21	.50	18	Oct 31	.85		11	.99	23	13	.10		
31	.75		25	.60	20	Nov 30	1.10		18	.30	23	27	.40		
Sep 12	.20		31	.20	8	Dec 29	.15		25	.34	24	13	.40		
14	.30		Apr 3	.35	8	1951			29	.45	23	20	1.10		
22	.00		30	.80		Jan 5	.35		Mar 1	.05	-	31	.00	23	
30	.35		May 16	.80		31	1.45	18	3	.04	23	Apr 18	.80		
Oct 11	.45	1	31	.20		Feb 28	1.30	18	10	.02	20	30	.00		
20	.70	3	Jun 15	.00		Mar 30	1.70	21	17	.18	18	May 8	1.40		
31	1.15	2	30	.00		Apr 27	.90		24	.00	8	23	.12		
Nov 6	.05		Jul 15	2.30		May 31	.65		31	.38	T	29	.68		
15	.00		19	1.25		Jun 29	.20		Apr 7	.74	1	Jun 5	.80		
23	.25		31	1.15		Jul 31	1.40		21	.96	0	12	.50		
30	.45		Aug 18	1.65		Aug 19	1.55		30	.80	T	19	.10		
Dec 4	.00		27	1.60		Dec 9	1.30	20	May 12	.02		26	.30		
9	1.20	19	31	1.10		31	.15		19	.58		30	.30		
13	.15	15	20	.30		Sep 30	.30		30	.14		Jul 17	.60		
22	.15	13	30	.10		Oct 31	.85	6	Jun 23	1.25		24	.30		
27	.25	19	Oct 13	.95		Nov 15	.75		Jul 7	.05		31	.90		
31	.00	17	30	2.00		Dec 9	1.30	20	Aug 4	.05		Aug 7	1.20		
1944			Nov 9	2.15	13	31	4.60	50	11	.07		21	1.70		
Jan 7	.70	21	11	.00		1952			18	.39		28	.50		
17	.00		26	1.00	12	Jan 28	4.30	48	29	1.06		31	1.10		
24	.80	29	Dec 9	.50	16	Feb 28	1.35	42	31	.00		Sep 4	.10		
26	.30	28	31	.70	21	Mar 31	2.10	42	Sep 8	.60		23	.10		
Feb 1	.00	25	1947			Apr 22	1.05		15	.55		Oct 1	.40		
9	.75	27	Jan 16	.90	25	30	.15	5	30	.35		31	3.60		
14	.05		29	1.05	33	May 30	1.90		Oct 6	1.09		Dec 1	.60		
19	.20	27	Feb 27	.35	23	Jun 27	.55		Nov 9	1.34		1944		7	
23	.40	28	28	.40	29	Jul 13	.45		31	.34	8	Jan 1	.50		
27	.55	32	Mar 13	1.10	28	31	2.35		Dec 11	.34	8	Feb 1	1.40	25	
29	.10	31	31	.15		Aug 12	1.80		31	.98	24	29	.10	27	
Mar 5	.65	35	31	.15		19	1.75		18	1.12	16	Mar 14	1.60		
14	1.85	46	Apr 25	2.05	2	31	1.05		31	.56		Apr 1	.40		
20	.90	49	30	.40		Sep 30	1.55		1941			May 1	5.00		
27	.35	44	Jun 30	2.80		Oct 31	.00		Jan 15	.06	20	Jun 1	.90		
Apr 3	.05	40	Jul 23	1.70		Nov 30	2.10		Mar 20	1.20	29	Jul 1	1.20		
17	1.30	33	31	.25		Dec 30	.85		31	1.55	31	Aug 1	1.80		
29	1.10	13	Aug 31	4.00		1948			28	1.62	27	30	.90		
May 4	.30	10	Sep 30	2.90		Jan 16	.75	22	31	1.35	30	26	.30		
11	.40	0	Oct 31	1.65		30	.15	19	21	.71	30	Oct 1	.50		
Jun 4	.65		Nov 30	.75	4	Feb 27	.70	21	30	.39	14	Nov 1	2.50		
20	.40		Dec 31	1.15	12	Mar 21	1.10	22	25	2.20	0	Dec 1	1.70		
Jul 18	.95		Jan 23	.25	13	31	.20		31	.60		1945			
31	.30		27	1.00	25	Aug 9	1.75	14	Jun 11	2.35		Jan 1	1.30		
Aug 8	.85		Feb 21	1.45	39	30	.40		24	.25		Feb 1	.50		
20	.75		29	3.15	42	May 4	.65		Jul 1	.10		Mar 1	1.20		
24	.55		Mar 13	.80	39	14	.50		13	.85		31	.70		
31	.20		22	1.70	44	17	.30		20	.80		May 1	2.50		
Sep 16	.10		31	.40	35	31	.30		31	.95		Jun 1	1.10		
25	.20		Apr 13	.85	30	Jun 30	.55		Aug 17	1.90		Jul 1	.50		
29	.75		30	1.05	6	Jul 31	3.20		28	1.98		Aug 1	2.00		
Oct 12	.45		May 1	1.80		Aug 31	2.10		Sep 14	1.98		Sep 1	2.30		
16	1.55		31	1.50		Sep 30	.30		Oct 1	3.37		Oct 1	1.10		
31	.65		Jul 16	.45		Oct 31	1.80		8	1.83		Nov 1	2.50		
Nov 14	.85	6	31	.60		Nov 30	1.65		16	2.21		Dec 1	.80		
30	.35	7	Aug 8	.70		Dec 31	.90	18	22	2.04		27	1.90		
Dec 3	.50	13	31	.80		Nov 1	.60		31	.60		31	.60		
11	.00		Sep 30	.75		1954			Nov 24	.70	3	Summitville			
24	.85	19	Oct 19	1.55		Jan 31	1.15		Dec 11	.22	3	1940			
28	.15	17	30	1.10		Feb 28	.25		23	.23	5	Oct 24			
31	.15	17	Nov 1	.60	6	Mar 31	2.15		31	.61	11	Nov 15	4.74		
1945			Nov 30	.75	10	Apr 30	.50		1942			30	2.50		
Jan 26	.75	20	Dec 17	.85	18	May 31	1.15		Jan 10	.29	14	Dec 21	1.90		
31	.20	21	31	1.55	25	Jun 30	.30		23	.15	12	31	.55		
Feb 10	.40	22	1949	1.30	32	Jul 11	1.60		23	.60	17	1941			
19	.50	24	29	1.85		18	.80		28	1.70	33	Jan 16	.85		
22	.35	28	Feb 15	1.05	38	31	.15		Mar 18	.70	32	31	1.60		
28	.05	25	28	.65	38	Aug 31	1.65		28	.40	30	Feb 4	.05		
Mar 5	1.15	32	Mar 23	1.25	32	Sep 30	1.35		31	.00	27	31	.60		
17	1.05	31	29	.20	32	Oct 31	.20		Apr 9	.80	15	27	.34		
20	.50	34	31	.20	32	Nov 30	1.15		22	1.65	0	Mar 4	1.30		
27	.30	27	29	.50	32	Dec 31	.80		30	1.85	11	18	3.20		
31	.00		Apr 3	.75	36	1955			28	.80	11	31	.60		
Apr 4	.25	25	29	.40	3	Jan 31	.50	13	28	.80	10	27	.30		
16	1.00	25	May 31	1.75		Feb 28	1.25	20	28	.10	17	22	1.05		
30	.90	4	Jun 15	1.75		Mar 31	.80	5	31	.10	10	18	3.40		
May 16	.95	6	Jul 11	.75		Apr 8	1.30		31	.00	27	31	.60		
31	.10		14	.60		23	.80		31	.10	10	Apr 1	.45		
Jun 6	.00		31	2.05		23	.80		28	.10		15	5.10		
26	.35		Aug 20	1.25		29	.00		31	.10		31	.30		
30	.00		29	.00		May 11	1.00		11	.44		31	3.90		
Jul 1	.10		31	.10		30	.05		18	1.05		14	.75		
25	1.05		Sep 30	2.25		30	.05		28	.10		15	4.20		
30	1.25		Oct 21	.95		Jun 30	.50		31	.10		Sep 22	-		
Aug 3	1.65		31	.15		Aug 6	.31		28	.10		Oct 9	3.29		
10	1.55		Nov 11	.55	8	15	.31		31	.10		19	1.75		
29	1.30		30	.00		26	1.00		26	1.00		Nov 4	5.10		
31	.05		Dec 10	1.40	16	Silvertown 2NE			30	.00		17	1.12		
Sep 14	.30		27	.65	12	1939			28	.00		18	1.98		
30	.85		Dec 11			Dec 11			29	.20		17	.90	36	
Oct 15	.75		1950			23	.25	3	18	.13	0	1942			
26	.40		Jan 31	3.10	30	26	.09	3	18	.13	0	Jan 1	2.85		
Nov 27	1.05		Feb 28	.90	25	30	.17	5	31	.57	3	Feb 1	1.50		
Dec 18	.50														

Table 1 continued

Precipitation Measurements

COLORADO

Observation date	Amount since last obs. (inches)	Snow on grnd. (in.)	Observation date	Amount since last obs. (inches)	Snow on grnd. (in.)	Observation date	Amount since last obs. (inches)	Snow on grnd. (in.)	Observation date	Amount since last obs. (inches)	Snow on grnd. (in.)	Observation date	Amount since last obs. (inches)	Snow on grnd. (in.)	
Summitville, cont.			Winter Park, cont.			Winter Park, cont.			Wolf Creek Pass 1E, cont.			Wolf Creek Pass 1E, cont.			
1942	-		1940	1.26	12	1941	.05	1	1942	.00	50	1944	.55	36	
Sep 24	.00		Nov 13	.21	5	Nov 13	.30	5	Jan 8	.00	45	May 31	2.10		
30	.00		21	.06	4	18	.20		15	.00	40	Jun 30	1.10		
Oct 10	.20		28	.23	5	22	.15		22	.00	40	Jul 9	-		
14	.90	8	Dec 2	.38	7	Dec 1	.05	2	25	.85	40	31	-		
17	.60	6	14	.07	9	4	.25	4	30	.90	60	Aug 31	1.97		
24	.10	2	16	.11	8	5	.15	6	Feb 8	.00	60	Sep 29	1.70		
31	1.20	12	19	.49	14	18	.15	5	16	2.10	88	Oct 31	3.00		
Nov 4	.05		28	.30	14	23	.20	6	23	.20	93	Nov 30	5.96		
7	.45		30	.04	15	25	.40	11	28	.30	100	Dec 31	4.00		
14	.00		31	.04		1942	.20	14	Mar 7	2.00	120				
17	.40					Jan 1	.60	18	14	.70	124	1945	2.96		
21	.45					4	.60	22	21	3.85		Feb 28	3.00		
28	.15					8	.60	26	28	2.40		Mar 31	10.94		
30	.00	5				9	.30		Apr 8	2.60	116	Apr 30	6.06		
1943	-					17	.40	21	15	1.75	112	May 31	2.30		
Jan 1	-					26	.20	25	22	1.80	90	Jun 25	.75		
16	.00	18				30	.15	27	30	3.35	107	Jul 10	.10		
19	1.95	39				Feb 4	.10	28	31	.45		Aug 12	2.10		
23	2.05	60				5	.53	33	Aug 8	1.30		29	1.10		
25	2.00	87				14	.55	36	31	.15		Sep 29	1.20		
30	.50	90				7	.28	39	22	.75		Oct 15	1.95		
Feb 4	.35	70				9	.28	39	Sep 5	1.05		22	.10		
6	.05	65				16	.47	37	12	1.80		Nov 12	1.45		
10	1.20	65				23	.20	39	30	.00		26	.30		
20	.00	45				26	.25	42	Oct 17	2.25	6	Dec 31	.20		
25	1.90	70				Mar 5	.30	35	24	.00		24	.20		
28	.15	60				7	.30	37	31	1.45	10				
						12	.10	35	30	.40		1946	1.00		
						14	.35	38	20	.40	6	Feb 28	.47		
						16	.13	39	25	.00	6	Mar 31	6.10		
1950	-					20	.22	37	22	.75	12	Apr 30	2.25		
Oct 13						25	.20	34	29	.00	6	May 31	2.45		
						Apr 7	.15	28	Dec 6	2.85	36	Jun 30	.00		
1951	-					18	.70	8	31	.00	40	Jul 16	2.55		
Jul 5	19.60					20	2.00	18	31	.00		Aug 31	2.85		
						24	.37	16	27	2.15	85	Sep 17	1.05		
1952	-					14	.28	16	Jan 9	.00	38	Oct 31	2.85	12	
Jun 19	57.00					25	1.28	16	14	.65	90	Nov 30	3.05	42	
Sep 10	13.70					Mar 1	.50	18	14	.80	84	Dec 31	1.05		
1953	-					24	.35	36	20	.00	62				
Jun 24	32.30					31	.25	29	27	1.00	54	Aug 31	3.80		
						Apr 2	.80	31	20	.00	54	Sep 17	1.05		
1954	-					3	.50	34	27	.15	98	Oct 30	3.00		
Jun 14	32.37					6	.40	35	31	.00	88	Nov 29	2.75		
						7	.25	35	20	1.48	92	Dec 30	.95		
1955	-					14	.70	30	16	.17	80				
Jun 23	46.59					24	.23	1	24	.00	62	Aug 30	7.15		
						25	.35	29	30	1.00	54	Sep 30	4.30		
						28	.70	20	27	1.00	54	Oct 8	.00		
1939	-					29	.45	19	31	1.10	20	29	5.20		
Dec 9						30	.05	18	20	.15	98	Mar 29	2.15	72	
12	.17	1				Jun 30	-		31	.00	88	Apr 30	3.40	56	
22	.18	2				Jul 3	.18		31	.00	88	May 31	4.90		
26	.21	4				9	.05		11	1.48	92	Jun 30	3.00		
28	.13	5				10	.12		16	.17	80	Jul 31	1.75		
30	.22	7				12	.14		24	.00	62	Aug 30	7.15		
						16	.23		30	1.00	54	Sep 30	4.30		
1940	-					19	.15		May 8	2.35	38	Oct 8	.00		
Jan 2	.25					20	.10		15	.10	32	29	5.20		
4	.43					23	.10		22	.15	26	Nov 29	2.75		
8	.81					27	.23		31	.85	10	Dec 30	.95		
10	.31					Aug 1	.10		Jun 5	1.35					
11	.26					2	.10		20	.70		1948	4.15		
12	.36					12	.30		27	.35		Feb 26	3.40		
15	.57					24	.05		30	.00		Mar 23	3.00	146	
20	.67					25	.10		Jul 10	.95		31	.50	138	
26	.69					28	.25		17	1.15		Apr 30	5.14	111	
31	.36	30				31	.32		25	1.05		May 31	1.90		
Feb 11	.91	42				13	.35		31	.60		Jun 30	4.35		
14	.29	41				16	.15		Aug 15	2.20					
16	.24	46				18	.07		30	2.40		Wolf Creek Pass 4 W			
21	.16	46				19	.07		Sep 4	.00		1948			
24	.42	50				30	.00		Oct 9	.60		Sep 12			
27	.16	48				Wolf Creek Pass 1 E			23	2.40		1949			
Mar 3	.12	39				1941			31	2.25	12	Jun 1	46.70		
6	.42	41				Sep 27			24	.23					
9	.42	46				Oct 1			30	1.45		1950			
11	.23	45				5	1.26		23	2.40		Jun 6	52.57		
13	.30	43				5	1.95		31	0.00					
18	.20	38				9	1.15		28	3.70	36	1951			
28	.30	19				15	3.50		31	3.00		Jul 4	42.45		
Apr 3	.34	20				24	1.77								
8	.49	19				28	.23								
12	.66	26				31	.48								
30	1.32	14				Nov 13	.00								
May 18	1.45					20	2.48								
21	.36					23	.07								
27	.34					30	.00								
Jun 6	.25					Dec 6									
18	.00					12	.60								
22	.53					31	.85								
30	.00					23	.85								
Oct 31	-					28	.97								
Nov 4	.31	2				31	1.63								
						6									

Table 1 continued

Precipitation Measurements

NEW MEXICO

Observation date	Amount since last obs. (inches)	Snow on grnd. (in.)	Observation date	Amount since last obs. (inches)	Snow on grnd. (in.)	Observation date	Amount since last obs. (inches)	Snow on grnd. (in.)	Observation date	Amount since last obs. (inches)	Snow on grnd. (in.)
Adobe Ranch											
1941 Dec 1			1950 Sep 13	-		1940 Dec 10	-		1943 Dec 19	.05	
7	.98		1950 Sep 13	-		1940 Dec 15	2.60		1943 Dec 23	.20	
14	.03		1951 Jul 10	6.90	6	1940 Dec 21	.45		1943 Dec 28	.25	
21	.95		1951 Jul 10	6.90	6	1940 Dec 26	.55		1943 Jan 4	.25	
28	.10		Oct 16	3.74		1940 Dec 31	.35		1943 Jan 8	.20	
31	.15		Dec 20	5.01		1941 Jan 14	.55		1943 Jan 15	.15	
1942 Jan 7	.15		1952 Feb 2	1.30		1941 Jan 23	.40		1943 Jan 22	.00	
14	.72		Mar 3	1.68		1941 Jan 28	.55		1943 Feb 29	.00	
28	.00		31	.47		1941 Mar 31	.60		1943 Mar 8	.15	
Feb 7	.00		Jul 9	7.98		1941 Mar 31	.20		1943 Apr 15	.30	
14	.03		Sep 24	-		1941 Feb 8	.00		1943 Apr 22	.55	
21	.03		Dec 10	2.48		1941 Feb 15	.20		1943 May 8	.60	
28	.87		1953 Feb 2	1.30		1941 Mar 8	.45		1943 May 15	.30	
Mar 31	.00		May 27	10.53		1941 Mar 22	.80		1943 Jun 1	.90	
Apr 7	.40		Sep 16	8.55		1941 Mar 28	.25		1943 Jul 2	.00	
14	1.10		Dec 3	1.45		1941 Apr 1	.00		1943 Aug 1	3.50	
30	.00		1955 Jan 5	.70		1941 Apr 8	.05		1943 Sep 1	1.75	
1943 Jan 1	-		1948 Sep 20	-		1941 May 15	.75		1943 Oct 2	1.05	
6	.00		1949 May 24	5.58		1941 May 22	.60		1943 Nov 1	.50	
14	.20		1950 Oct 10	-		1941 May 29	.80		1943 Dec 1	2.95	
16	.30		1951 Sep 7	6.50		1941 Nov 15	.00		1943 29	.80	
28	.50		Oct 1	3.65		1941 Nov 22	.25		1953 Jan 29	1.20	
30	.00		Nov 1	1.50		1941 Dec 1	.00		1953 Feb 26	.90	
1950 Dec 1	11.10		Jun 9	13.25		1942 Jan 1	-.00		1953 Mar 31	1.40	
1951 Jan 1	1.70		1951 Dec 1	-		1942 Jan 7	.12		1953 May 3	2.05	
Feb 1	1.20		1952 Jan 8	.41		1942 Jan 15	.00		1953 Jun 12	1.65	
Mar 1	.10		22	.38		1942 Jan 22	.30		1953 Sep 2	-	
Apr 1	.90		31	1.17		1942 Feb 5	.05		1953 Oct 30	1.25	
May 1	1.00		1938 Jan 8	1.99		1942 Feb 12	.05		1953 Nov 30	1.95	
Jun 1	.75		15	.24		1942 Feb 19	.05		1953 Dec 28	1.30	
Jul 1	1.00		22	.79		1942 Feb 26	.00		1954 Jan 1	1.30	
31	1.05		31	.28		1942 Mar 3	.00		1954 Feb 1	1.30	
Sep 30	.50		Feb 8	.07		1942 Mar 10	.05		1954 Mar 25	.20	
Nov 1	.00		15	.41		1942 Mar 17	.05		1954 Mar 31	3.60	
30	3.80		22	1.24		1942 Mar 24	.05		1954 Apr 30	.10	
Dec 31	.00		28	.31		1942 Apr 1	.00		1954 Jun 1	2.90	
1953 Jan 31	.10		31	.59		1942 Apr 8	.05		1954 Jul 3	1.50	
Mar 1	.65		22	.00		1942 Apr 15	.00		1954 Aug 28	2.60	
May 13	2.10		30	1.13		1942 May 3	.05		1954 Sep 30	2.10	
Dec 14	-		15	.24		1942 May 10	.05		1954 Oct 31	.10	
1954 Jan 1	.63		22	.28		1942 May 17	.00		1954 Nov 30	.30	
Apr 30	2.32		22	1.31		1942 May 24	.05		1955 Jan 3	1.30	
Oct 5	8.28		1939 Jan 1	.00		1942 May 31	.05		1955 Mar 1	2.10	
1955 Apr 19	2.85		9	.69		1942 Jun 7	.00		1955 Apr 30	.10	
Jul 19	1.80		16	.28		1942 Jun 14	.00		1955 May 30	3.70	
Agua Piedra Lodge			23	.62		1942 Jun 21	.00		1955 Jun 29	.00	
1941 Oct 27		6	31	.83		1942 Jul 18	.00		1955 Bateman Ranch		
31	.90		Feb 9	.62		1942 Jul 25	.00		1937 Nov 1		
Nov 19	.45		15	.10		1942 Aug 1	.00		1937 Nov 8		
Dec 1	.00		28	.34		1942 Aug 15	.00		1937 Dec 1		
31	2.00		Mar 8	.83		1942 Aug 22	.00		1937 8	.07	
1942 Jan 31	.12		15	.41		1942 Aug 29	.00		1937 15	.00	
Feb 28	1.08		22	.21		1942 Sep 5	.00		1937 22	.10	
1943 Jul 17	-		31	.52		1942 Sep 12	.00		1937 30	.00	
24	.15		Apr 8	1.13		1942 Sep 19	.00		Dec 8	.62	
27	.20		30	.00		1942 Sep 26	.00		14	.69	
28	.15		May 8	.17		1942 Oct 3	.00		22	.03	
Aug 2	.20		15	.28		1942 Oct 10	.00		29	.22	
3	.10		30	.00		1942 Oct 17	.00		10	.05	
4	.15		Dec 5	-		1942 Oct 24	.00		13	.20	
8	.45		31	.48		1942 Oct 31	.05		10	.05	
18	1.95		1940 Jan 8	.58		1942 Nov 7	.00		13	.28	
25	.35		15	1.24		1942 Nov 14	.00		16	.15	
Sep 2	.90		22	.31		1942 Nov 21	.00		16	.15	
1946 Oct 4	-		Feb 8	1.55		1942 Dec 8	.00		16	.15	
Dec 8	5.10		31	.31		1942 Dec 15	.00		22	.21	
1949 Jul 27	-		Apr 8	.38		1942 Dec 22	.00		22	1.17	
Sep 27	4.05		31	.28		1942 Dec 29	.00		31	.00	
1949 Sep 2	.90		31	.55		1942 Apr 12	.00		31	.00	
1946 Oct 4	-		31	.28		1942 May 1	.86		1939 Jan 8	.65	
Dec 8	5.10		30	.07		1942 Jul 3	-.00		1939 Feb 8	.45	
May 8	.00		30	.07		1942 Aug 9	2.00		1939 May 8	.07	
1949 Jul 27	-		Dec 1	.00		1942 Sep 2	.10		1939 Oct 8	.00	
Sep 27	4.05		28	.15		1942 Dec 1	.50		1939 Nov 8	.00	
1949 Jul 27	-		15	1.48		1942 Apr 12	.00		1939 Dec 7	.00	
Sep 27	4.05		22	.69		1942 May 1	.00		1939 Oct 22	.24	
1949 Jul 27	-		31	.48		1942 Jun 7	.00		28	.10	

Table 1 continued

Precipitation Measurements

NEW MEXICO

Table 1 continued

Precipitation Measurements

NEW MEXICO

Observation date	Amount since last obs. (inches)	Snow on grnd. (in.)	Observation date	Amount since last obs. (inches)	Snow on grnd. (in.)	Observation date	Amount since last obs. (inches)	Snow on grnd. (in.)	Observation date	Amount since last obs. (inches)	Snow on grnd. (in.)	Observation date	Amount since last obs. (inches)	Snow on grnd. (in.)	
Capillo Peak, cont.			Carrissa Lookout, cont.												
1951 Oct 30	.48		1944 Jul 23	.65		1948 Jan 15	1.05		1951 Aug 27	2.15		1955 Mar 31	1.25		
Nov 27	1.14		29	.00		Mar 18	5.00		Sep 14	1.00		Apr 6	.00		
1952 Jun 20	10.48		Aug 7	.35		Apr 7	.60		Oct 2	.05		30	.00		
Oct 21	8.47		8	.05		10	.00		26	.60		May 1	.10		
1953 Jul 14	12.50		18	1.63	4	21	.55		Nov 1	.80		19	.10		
Oct 13	3.48		31	3.47		22	.10		12	2.55		Jun 12	.15		
1954 Jun 28	-		Sep 28	2.75		May 21	.15		6	.50		13	.20		
Nov 13	10.35		Oct 14	1.49		25	.05		31	2.25		21	.40		
1955 Jun 18	6.35		30	.58		Jun 1	.45		1952 Jan 24	.20		30	.00		
Capitan Crest			Nov 15	.42		2	.80		Feb 13	.50		1942 Feb 1			
1942 Oct 21	-		Dec 22	2.20	4	3	.25		19	.55		1943			
1943 Sep 14	15.73		1945 Feb 20	3.20		7	.35		28	.55		Jan 14	29.45		
Oct 21	25.40		Apr 5	2.35		9	.10		May 5	.10		May 6	4.25		
1945 Jun 5	9.40		May 1	.15		12	.10		18	.25		Oct 22	11.70		
Oct 5	10.70		Jun 21	.15		30	.00		19	.15		1944			
1946 Apr 15	8.17		30	.00		Jul 3	.90		26	.10		Apr 26	9.41		
Oct 23	14.43		Jul 2	.25		6	.40		27	.45		May 11	.25		
1947 Apr 23	9.80		1942	.40		7	.45		Jun 2	.35		Oct 17	16.95		
Oct 23	9.21		1943	.40		1945 Aug 20	.80		3	.90		1946 Apr 9	9.60		
1948 Apr 29	7.20		1944 Oct 5	.10		Oct 5	.10		13	2.65		Nov 21	18.95		
Nov 1	15.59		1945 Nov 9	.00		25	1.15		31	.00		1947 Apr 4	6.45		
1949 Apr 27	4.41		1946 Dec 21	.75	3	26	.20		Aug 7	1.05		Sep 22	-		
Oct 21	19.50		31	.35		27	.55		14	1.60		1948 Apr 25	8.25		
1950 May 24	3.79		1947 Feb 20	3.65		28	.20		26	.35		Nov 5	-		
Sep 28	-		Mar 28	1.40		29	.25		28	1.60		Dec 22	.26		
1951 Jun 11	5.75		Apr 20	.25		30	.50		29	.25		1949 Oct 13	-		
Oct 23	8.40		21	.05		Oct 2	1.00		30	.25		1950 Oct 25	15.80		
1952 Apr 23	7.00		22	T		25	.20		31	.90		1951 Nov 14	18.60		
Oct 29	14.50		30	.00		31	.15		1952 Jul 25	20.89		1952 Sep 10	15.69		
1953 May 5	5.50		May 4	.70		Jun 10	.15		22	1.55		Oct 15	-		
Oct 19	13.70		6	.05		11	.25		24	1.10		1953 Apr 19	8.19		
1954 May 3	3.40		1948 Feb 24	3.05		12	.20		29	.70		Sep 10	15.69		
			3	.25		13	.80		31	.20		1953 Jul 25	20.89		
1955 Jun 8	-		1949 Mar 7	1.10		14	.20		1953 May 4	.20		Oct 15	-		
Carrissa Lookout			24	.20		15	.25		1954 Jun 1	.20		1953 Apr 19	8.19		
1942 Oct 19	-		30	.10		16	.20		27	.15		Sep 10	15.69		
1943 Jan 26	5.72		1947 Jan 14	1.45	5	17	.20		28	.20		1953 Jul 25	20.89		
Mar 15	3.85		15	.00		18	.30		29	.20		Oct 15	-		
Apr 12	.10		1948 Feb 18	.65		19	.90		30	.20		1954 Jun 16	10.18		
Oct 19	-		28	1.95		20	.50		31	.05		Nov 2	16.25		
Nov 16	.25		Apr 4	.25		21	.20		1954 Jul 4	.30		1955 May 24	4.60		
1944 Feb 9	6.25		14	.25		22	.35		12	.70		1955 May 24	4.60		
Apr 8	2.45		25	.25		23	.35		27	.15		Chacon			
17	.40		26	.25		24	.45		28	.05		1937 Oct 31			
20	.02		27	.20		25	.30		29	.50		Nov 22	.21		
May 10	.40		28	.20		26	.40		30	.75		30	.07		
12	.25		29	.20		27	.40		31	.15		Dec 15	.32		
13	.35		30	.00		28	.50		31	.16		31	.05		
27	.10		May 7	.30		29	.35		1954 Jan 20	1.15		1938 Jan 8	.33		
28	.15		8	.10		30	.30		Feb 17	.50		22	.10		
30	.05		9	.45		31	.30		Mar 22	.20		31	.15		
Jun 7	.15		10	.65		Oct 4	.10		23	.10		Feb 8	.10		
26	.70		11	.40		24	.45		25	.70		Apr 5	.00		
Jul 4	.07		12	.25		25	.35		26	.05		22	.52		
6	.07		17	.25		26	.45		27	.05		28	.08		
7	.56		28	.20		27	.35		May 13	.10		Mar 8	.50		
8	.25		31	.20		28	.30		18	1.00		15	.29		
9	.10		Aug 3	.20	4	29	.00		19	.10		22	.06		
16	.10		13	1.60		30	.00		20	.10		31	.53		
17	.12		21	1.85		31	.00		21	.05		Apr 8	.19		
18	.38		27	1.20		Jan 11	.20		22	.30		15	.17		
20	.25		29	.10		20	.30		23	.25		22	.19		
22	.10		18	.00		26	.05		24	.30		30	.00		
			30	.00		27	.00		25	.90		Oct 31	-		
			31	.00		28	.00		26	.20		Nov 7	.63		
			Aug 3	.20	4	29	.00		27	.20		Dec 12	.08		
			13	1.60		30	.00		28	.15		17	.47		
			21	1.85		Jan 11	.20		29	.30		24	.47		
			27	1.20		20	.30		30	.05		1939 Jan 7	.34		
			29	.10		26	.05		31	.85		14	.39		
			18	.00		20	.60		29	3.60		28	.41		
			23	.00		30	.60		Oct 28	2.15		Feb 28	.47		
			26	.00		23	.20		Nov 9	.00		Mar 12	.08		
			26	.00		24	.20		30	.00		25	.52		
			26	.00		26	.35		Dec 31	.60		Apr 22	.66		
			26	.00		26	.60		17	.30		Nov 1	-		
			26	.00		26	.60		17	.30		30	.37		
			26	.00		26	.60		Dec 31	.55		Dec 31	.55		

Table 1 continued

Precipitation Measurements

NEW MEXICO

Observation date	Amount since last obs. (inches)	Snow on grnd. (in.)	Observation date	Amount since last obs. (inches)	Snow on grnd. (in.)	Observation date	Amount since last obs. (inches)	Snow on grnd. (in.)	Observation date	Amount since last obs. (inches)	Snow on grnd. (in.)
Chacon, cont.											
1940			1945			1942			1951		
Jan 31	.94		Jan 1	.00		Apr 13	.82		Nov 12	.50	
Mar 15	2.03		20	.48		19	1.10		19	.00	
Dec 2	-		25	.53		25	2.10		26	1.55	
12	.70		Feb 1	.00		30	.50		Dec 3	.05	
.25	.38		23	.50		May 8	.40		10	1.20	
			26	.05		31	.00		17	.65	
1941			28	.05		Jun 4	1.00		24	1.10	
Jan 15	.10					30	.00		31	1.45	
29	1.03		1953			Jul 10	.20				
Feb 15	.48		Jul 9	-		20	.00		1952		
28	1.00		Sep 18	2.18		31	.15		Jan 7	.85	
Mar 15	1.20		1954			Aug 7	.70		14	1.30	
31	1.68		Sep 16	-		12	.35		21	.75	
Jun 1	3.20					19	.10		22	.58	
24	1.15		1955			31	.35		Aug 5	.93	
31	.60		Jun 9	9.10		Sep 5	.40		9	.51	
Aug 15	1.75					12	1.35		14	1.19	
31	1.50					20	.40		31	1.60	
Sep 30	2.75					30	.00		Sep 30	2.81	
Oct 31	5.00		1937			Oct 13	1.25		Oct 31	.77	
Nov 15	.00		Oct 31	-		18	.60		Nov 5	.18	
22	.05		Nov 30	.00		31	.30		7	.40	
29	.05		Dec 22	2.10		20	.15		20	.57	
Dec 6	.02		31	.27		30	.05		26	1.14	
13	.08					Dec 4	.00		Dec 31	1.04	8
20	.15		1938			7	.70				
27	.50		Jan 15	.76		26	2.00		1945		
31	.20		31	1.49		31	.00		Jan 31	1.65	12
			Feb 15	1.31		1943			Feb 28	.73	
1942			28	.65		Jan 18	1.05		Mar 31	1.85	
Jan 10	.20		Mar 31	5.21		25	.85		Apr 30	.16	
17	.05		Apr 15	1.21		31	.70		Jun 30	.37	
24	.02		30	1.49		Oct 31	-		Jul 31	5.78	
31	.08		Oct 31	-		4	.45		Aug 18	5.50	
Feb 7	.18	1	Nov 30	1.00		11	.15		31	1.21	
14	.07		Dec 15	.25		28	.85		Sep 30	.77	
28	.45		31	1.72		Mar 6	1.05		Oct 13	1.04	
Mar 1	.10	2				13	1.10		Nov 1	.04	
4	.05	1	1939			16	.35		Dec 14	1.08	8
6	.32	2	Jan 15	.55		31	.15				
14	.52		Feb 2	1.76		Apr 11	1.50		1946		
21	.05		15	1.24		19	.10		Jan 7	2.52	16
31	.13		28	.87		31	.00		31	1.07	12
Apr 4	.18		Mar 15	.57		May 4	.70		Feb 28	.37	
6	.10		31	.95		14	.00		Mar 31	2.73	
11	.12		Apr 29	.00		28	.23		Apr 11	.25	
18	.22		May 30	.84		Jun 4	1.83		30	.35	
25	5.00					30	2.00		May 31	1.44	
30	.75		1940			Jul 7	.85		Jun 30	.76	
May 31	.20		Feb 1	-		15	.15		Jul 31	5.92	
Jun 6	.05		15	2.90		29	.10		Aug 31	2.40	
13	.20		29	.90		Aug 17	4.40		Sep 27	1.62	
20	.20		Mar 15	.65		25	.00		Nov 1	1.41	
27	1.15		31	.30		30	1.30		Dec 3	1.00	
Jul 4	.20		Apr 15	.51		Oct 27	.45				
11	.20		30	.33		27	.45		1947		
18	.35		Nov 15			30	.20		Jan 1	1.50	1
25	.25		30	2.03		28	1.05		31	1.00	
31	.60		Dec 15	2.45		31	.15		Mar 2	.65	2
Nov 1	.10		18	.72		23	.10		Apr 1	.70	
30	.10		31	1.56		30	.40		30	.45	
Dec 4	.05					Dec 6	.60		May 31	1.00	
26	.40		1941			16	.20		Jun 30	.46	
31	.05		Jan 15	.80		28	.50		Aug 1	-	
			31	2.12		31	.10		31	3.75	
1943	.65	4	Feb 15	.93							
Jan 18			28	.92		1944			1948		
31	.15		Mar 31	5.08		Jan 7	1.40		May 1	-	
Feb 2	.20		Apr 15	4.07		22	.20		31	2.48	
3	.18		30	1.86		29	1.05		Jun 30	2.10	
8	.37		Jun 15	2.75		Feb 9	1.00		Jul 30	3.75	
25	.05		30	1.20		13	.15		Aug 31	3.75	
28	.25		Jul 15	.65		25	.85		Sep 30	3.40	
Mar 5	.10		30	1.40		27	.15		Oct 31	3.15	
19	1.15		Aug 15	.45		30	.00		Dec 31	2.70	
31	.00		31	1.65		Mar 18	.40				
Nov 1	.18	2	Sep 19	.00		23	2.00		1949		
23	.18		20	.48		31	-		Jan 1	5.75	
26	.45		23	.70		13	.15		May 1	-	
Dec 1	.00		29	1.50		25	.85		31	.15	
9	.33		Oct 5	1.50		27	.15		Jun 30	3.50	
10	.58		14	1.30		30	.00		Jul 31	6.75	
13	.05		31	2.55		Oct 2	.55		Aug 31	5.65	
22	.25		Nov 16	.35		16	.45		Sep 30	3.40	
31	.05	6	18	.10		30	.00		Oct 31	3.15	
			30	.00		29	.00		Dec 31	2.70	
1944			Dec 12	2.00		27	.07				
Jan 7	.25	2	27	.85		29	2.80		1950		
26	.80	12	31	2.00		20	1.40		Jan 31	.90	
Feb 1	.10					27	.00		Mar 1	-	
10	.18		1942			15	.20		31	.06	
11	.10		Jan 1	.40		22	.15		Jun 30	3.15	
29	.10		16	.25		27	.10		Jul 31	10.30	
Mar 21	.40		Feb 16	.00		31	.30		Aug 31	1.00	
29	.23		23	.50		29	.20		Sep 30	2.90	
Apr 1	.00		26	.70		27	.89		Oct 31	2.00	
10	.43		28	.60		15	.20		1951		
18	.60		Mar 5	.00		22	.00		Jun 1	.00	
22	.13		8	.20		29	.05		31	1.42	
Oct 1	-		15	2.10		11	.15		Feb 28	1.31	
19	2.00		20	.20		23	.00		Mar 31	2.80	
Nov 17	1.25		27	.40		28	.03		Apr 30	1.55	
Dec 1	.00		31	.00		26	.00		Nov 7	-	
4	.55		Apr 2	.10		Oct 25	.14		1952		
5	.15		6	1.08		29	1.05		Jul 10	16.05	
						Nov 26	1.04				
						Dec 4	.21				
						10	1.93				
						27	.80				
						Jan 7	.32				
						26	2.18				
						Nov 5	1.05				

Table 1 continued

Precipitation Measurements

NEW MEXICO

Observation date	Amount since last obs. (inches)	Snow on grnd. (in.)	Observation date	Amount since last obs. (inches)	Snow on grnd. (in.)	Observation date	Amount since last obs. (inches)	Snow on grnd. (in.)	Observation date	Amount since last obs. (inches)	Snow on grnd. (in.)
Cloudcroft No. 2, cont.											
Eagle Nest, cont.											
1952 Oct 13	9.99		1939 Jan 31	.20		1942 Feb 23	.28		1944 Apr 21	.19	
1953 Apr 20	6.36		Feb 10	.17		25	.11		22	.26	
Sep 11	-		15	.00		28	.01		28	.03	
1954 Jun 16	6.64		22	.06		Mar 1	.01		29	.07	
Nov 1	17.80		28	.08		2	.36		Nov 5	-	
1955 Jan 10	1.86		Mar 7	.21		7	.02		7	.56	
May 25	5.40		13	.18		12	.08		13	.10	
31	.00		25	.00		13	.01		24	.04	
Jun 30	.85		31	.04		15	.17		Dec 4	.47	
			Apr 6	1.17		16	.18		23	.00	
			7	.11		17	.02		25	.54	
			18	.18		20	.02				
			22	.07		25	.22				
			29	.15		26	.01				
						Apr 1	.00				
						7	.84	10			
						8	.01	5			
						12	.88	4			
						13	.05	2			
						17	.48				
						18	.40	2			
						19	.19	5			
						20	.26	3			
						23	.97	2			
						24	.59	6			
						25	.12	2			
						27	.01	1			
						30	.28	5			
						May 2	.15		18	.01	
						31	.00		24	.28	
						Jun 3	.02		27	.02	
						7	.41		30	.59	
						23	.25		31	.00	
						29	.06		Apr 3	.55	
						30	.20		16	.44	
						Jul 1	.75		28	1.00	
						2	.17		Dec 1	-	
						3	.12		12	.21	8
						5	.25		25	.39	
						6	.20				
						7	.01		1946 Jan 7	.49	
						8	.01		21	.03	
						10	.01		Feb 7	.02	
						13	.03		8	.01	
						19	.67		19	.67	
						23	.10		15	.56	4
						24	.06		16	T	5
						25	.01		22	.10	2
						26	.01				
						27	.19		1949 Feb 1	.22	
						28	.06		25	.39	
						31	.06		Mar 1	.25	
						Aug 1	.16		Apr 1	.00	
						Nov 16	-		30	.25	
						Dec 3	.22		Jun 1	.75	
						6	.21		29	.50	
						25	.53		Jul 29	4.25	
						31	.00		Aug 31	2.25	
						Jan 1	.10		Sep 30	1.00	
						15	.10		Nov 2	1.50	
						29	.00		30	.00	
						Dec 5	.10		Dec 30	1.00	
						31	.00				
									1950 Feb 1	1.75	
									28	.50	
									Mar 31	.50	
									Apr 30	1.25	
									Jun 1	.00	
									29	2.00	
									Jul 31	3.50	
									Aug 31	-	
									Oct 1	1.50	
									Nov 30	-	
									Dec 31	.00	
									1951 Jan 1	.10	
									11	.10	
									13	.10	
									15	.10	
									29	.00	
									Jul 26	3.99	
									Aug 31	3.40	
									31	.25	
									Sep 30	6.00	
									Oct 31	1.00	
									Nov 29	1.00	
									Dec 28	2.00	
									1952 Feb 1	3.00	
									28	2.00	
									Mar 31	1.50	
									Apr 30	2.00	
									May 29	.75	
									Jun 30	-	
									Jul 31	1.50	
									Aug 31	3.50	
									Oct 1	.30	
									Nov 1	.00	
									30	1.25	
									Dec 31	1.75	
									1953 Jan 30	1.00	
									Feb 27	1.00	
									Mar 31	1.50	
									Apr 30	2.00	
									May 31	2.25	
									Jun 30	.75	
									Jul 31	5.00	
									Aug 31	1.25	
									Oct 2	1.25	
									30	.00	
									Nov 1	1.00	
									Dec 31	2.00	
									1944 Nov 20	-	
									Dec 20	2.75	
									1954 Feb 1	.75	
									Mar 1	.00	
									Apr 1	4.50	
									30	.00	
									Jun 1	2.75	
									1954 Jan 1	.75	
									Feb 1	.00	
									Mar 1	.00	
									Apr 1	4.50	
									30	.00	
									Jun 1	2.75	

Table 1 continued

Precipitation Measurements

NEW MEXICO

Observation date	Amount since last obs. (inches)	Snow on grnd. (in.)	Observation date	Amount since last obs. (inches)	Snow on grnd. (in.)	Observation date	Amount since last obs. (inches)	Snow on grnd. (in.)	Observation date	Amount since last obs. (inches)	Snow on grnd. (in.)	Observation date	Amount since last obs. (inches)	Snow on grnd. (in.)	
Elk Cabin, cont.															
1954			1944			1944			1954			1942			
Jun 30	4.00		Mar 31	1.07		Oct 14	-		Aug 4	.51		Nov 1	-		
Jul 30	4.50		Apr 19	.65		16	1.80		30	2.55		30	.00		
Sep 1	3.00		May 9	.20		17	.17		29	2.62		Dec 15	1.01		6
Oct 1	1.00		22	.30		31	.90		31	1.89		31	1.37		4
29	.50		Jun 5	.20		Nov 10	1.83		2	.00					
30	.50		22	.00		Dec 1	1.39		22	1.53					
1955			Jul 5	.50								1943			
Feb 1	2.00		24	2.85		1945			Jan 15	.05		Jan 15			
Mar 1	1.00		Aug 8	2.15		Jan 31	1.54		31	1.05		31			
Apr 1	1.00		22	1.80		Feb 28	.34		Feb 15	.40		Feb 15			
May 1	1.10		Sep 11	1.30		Mar 31	.88		28	.06		28			
Jun 1	2.90		28	2.65		May 31	3.85		Mar 15	.95		Mar 15			
30	.00		Oct 31	1.15		Jun 30	1.80		Jul 1	.15		Jul 1			
			Nov 29	2.96		Jul 31	1.92		15	.00		15			
			Dec 22	.59		Aug 13	1.28		16	.30		16			
Fanny Ranch															
1939			1945			1946			1946			1944			
Nov 22	-		Jan 13	1.66		Jan 31	.95		May 8	11.50		Jan 15	.04		
			29	1.84		Feb 28	.71		Nov 10	17.54		31	.71		
1940			Feb 8	.00		Mar 31	2.82		16	15.32		Feb 15	.24		
Jan 31	2.16		28	.47		Apr 30	.63		10	15.62		29	.20		
Feb 28	-		Mar 15	1.20		May 31	.97		17			31	.51		
Mar 1	1.18		31	1.48		Jun 30	.05		18			31	.20		
18	.98		Apr 16	.45		Jul 31	5.66		27			31	.35		
Apr 16	1.27		30	.55		Aug 25	2.93		30			31	.33		
May 20	1.60		May 18	.10		31	1.18		31			31	.00		
31	.26		30	.00		Sep 30	3.50		15			31	.47		
Jun 16	-		Jun 23	.20		Oct 31	1.97		16			29	.28		
30	3.72		Jul 17	1.60		Nov 30	2.77		17			31	.00		
Jul 15	.25		Aug 23	5.15		Dec 31	.09		17			31	.79		
31	1.33		Sep 10	.47		1947			18			31	.00		
Aug 15	3.02		Oct 16	1.22		Jan 23	-		19			31	.21		
31	1.30		31	1.34		Feb 16	12.18		20			31	.40		
Oct 3	4.91		Nov 18	.00		Oct 30	7.22		21			31	.75		
Nov 16	.78		Dec 20	.00					22						
Dec 16	5.35		29	1.09											
1941			1946			1948			23			23			
Jan 14	3.03		Feb 28	2.92		Jan 16	21.04		24			24			
29	1.60		Mar 29	1.59		Nov 17	11.17		25			25			
Feb 10	.85		Apr 30	.85					26			26			
27	1.27		May 27	.00					27			27			
Mar 10	.88		Jun 26	.20					28			28			
26	2.18		Jul 14	2.00					29			29			
Apr 28	6.24		31	2.30					30			30			
May 12	1.00		Aug 15	1.25					31			31			
30	.75		31	2.75											
Jun 19	.10		Sep 28	2.70											
28	.80		30	.10											
Jul 15	1.15		Oct 16	.65											
28	2.35		31	1.60											
Aug 15	2.55		Nov 23	.85											
Sep 3	2.95		Dec 15	1.15											
30	4.95		1947												
Oct 14	.90		Jan 3	2.30											
31	2.45		21	.60											
Nov 15	.90		Feb 13	.00											
30	1.20		Mar 27	.77											
Dec 29	2.30		Apr 5	.18											
1942			May 15	-		1949			1951			1940			
Jan 30	.00		22	.12		Jan 13	2.55		24			Jan *	.55		
Feb 20	1.59		Mar 18	.66		Feb 27	2.44		24			Feb *	2.45		
Mar 31	1.88		Jul 18	1.15		Mar 31	1.49		25			Mar 15	.50		
Apr 17	.17		31	1.15		May 6	2.50		26			Apr *	.90		
30	1.00		Sep 15	5.89		Jun 2	2.05		27			May *	1.61		
May 18	-.25		26	.67		1948			28			Jun 30	2.16		
30	.00		Oct 15	.81		Jan 29	1.22		29			Jul 31	3.70		
Jun 15	.00		Nov 1	.00		Feb 29	3.88		30			Aug 31	2.00		
29	.00		Dec 30	2.03		Mar 31	1.99		31			1949	2.16		
Jul 18	1.45		1948			Apr 30	.06		31			Nov 1	~		
31	1.10		Jan 1	.00		May 31	3.77								
Aug 30	3.85		Feb 12	7.32		Jun 30	3.30								
Sep 29	1.75		Mar 12	.72		Jul 1	.10								
Oct 31	-		Apr 16	.72		Aug 1	3.75								
Nov 30	.00		Sep 29	-		14	.60								
Dec 14	1.84		1949			31	3.70								
31	1.24		May 23	14.92		Sep 30	2.05								
1943			Oct 10	-		Oct 17	.42								
Jan 23	.49					Dec 12	.77								
Feb 15	1.73		1950												
Mar 13	2.42		Jun 9	20.20											
Apr 8	.00		Oct 11	10.15											
30	.30														
May 29	1.00		1951												
Jun 29	1.15		Jan 11	12.15											
Jul 23	2.25		Aug 23	-											
Aug 9	1.45														
23	4.70		1952												
31	.70		Jun 25	22.19											
Sep 8	.05		Oct 29	5.66											
25	1.50														
Oct 5	1.35		1953												
Nov 5	.40		May 14	9.34											
27	.15		Oct 22	8.40											
Dec 11	.70		1954												
1944			Apr 24	14.32											
Jan 4	.92		Oct 5	14.23											
20	.06		1955												
Feb 11	1.05		Apr 25	4.25											
28	1.48		Jul 20	4.15											
Mar 13	.67		Jul 23	3.30											

Table 1 continued

Precipitation Measurements

NEW MEXICO

Observation date	Amount since last obs. (inches)	Snow on grnd. (in.)	Observation date	Amount since last obs. (inches)	Snow on grnd. (in.)	Observation date	Amount since last obs. (inches)	Snow on grnd. (in.)	Observation date	Amount since last obs. (inches)	Snow on grnd. (in.)
Irvins Ranch, cont.			Lee Ranch, cont.			Monjeau Lookout, cont.			Red River, cont.		
1939			1938			1944			1941		
Feb 8	.24		Jan 31	1.86		May 27	1.20		Dec 31	1.35	
20	.28		Feb 28	1.13		30	.04				
28	.46		Mar 31	1.58		Jun 7	.21		1950		
Mar 11	.39		Apr 30	.96		23	.25		Nov 24	-	
18	.00		Oct 31	-		24	.72		Dec 1	.20	
31	.82		Nov 30	.03		25	.39		4	.25	
Apr 8	1.42		Dec 31	1.62		Jul 2	.05				
16	.05					4	.79		1951		
30	.33					5	.47		Jan 2	.50	
Nov 14	-					13	.24		31	1.30	
30	.48	6				16	.40		Feb 28	1.10	
Dec 23	.42	5				17	.09		Mar 31	1.05	
31	.60	14				18	.04		Jun 1	3.20	
1940						Oct 17	-		Jul 27	2.30	
Jan 7	.84								31	.08	
14	.83								Oct 18	3.16	
28	.06								Nov 25	2.26	
31	.00								Dec 31	2.03	
Feb 7	1.53	37									
14	.15	40							1952		
21	.00	39							Jan 31	1.04	
29	.34	26							Feb 29	.53	
Mar 7	1.46	38							Mar 31	1.45	
14	.14	30							Apr 30	1.02	
22	.00	19							Jun 1	2.73	
31	.35	11							Sep 10	-	
Apr 7	.34	10							Nov 30	1.20	
14	.00								Dec 31	.60	
21	.22										
30	.07								1953		
Nov 27	-								Jan 31	.50	
30	.00	18							Feb 28	.74	
Dec 14	1.44		Lobo Peak						Mar 31	2.01	
21	.34		1949						May 31	2.04	
28	.99		Sep 22	-					Jul 21	2.97	
31	.37	32							Sep 21	-	
1941			1950						30	.33	
Jan 5	.00	32	May 28	6.40					Oct 31	1.90	
12	.34	34							Nov 30	2.40	
19	.32	34	1951						Dec 31	.15	
26	1.31	45	Oct 1	-							
31	.41	48							1954		
Feb 9	.35	42	1952						Jan 31	.97	
15	.00	30	Jun 9	15.75					Feb 28	.06	
22	.21	27	Oct 12	8.20					Mar 31	1.99	
28	2.01	48							May 25	3.11	
Mar 9	1.89	57	1953						Sep 14	5.50	
16	1.23	65	May 31	9.70					30	.15	
23	.40	63	Oct 5	6.20					Oct 31	.95	
30	.85	74							Nov 30	.35	
Apr 6	.02	60	1954						Dec 31	.45	
13	.00	47	Jun 2	14.50							
20	.57	42	Sep 17	11.70					1955		
30	.92	32							Jan 31	.55	
Nov 1	-		1955						Feb 28	1.70	
9	.25	3	Aug 3	13.90					Mar 31	.20	
16	.00								Apr 30	2.50	
23	.55	6							May 31	4.40	
30	.00	4	Magdalena Baldy						Jun 7	.15	
Dec 14	.43	4	1942						30	.45	
21	.32	4	Oct 14								
25	1.65	26	Nov 11	1.20	6				1949		
31	.20	28				1938			Jan 6	.10	
La Mosca Peak			1943			Jan 31	1.14		12	.40	
1943			Oct 27	-		Feb 8	.00		25	2.45	
Jul 30						15	.83		Feb 9	.25	
Sep 23	4.80		1946			22	.51		27	1.35	
1946			May 7	4.60		28	.06		May 6	4.40	
Jun 27	-					Mar 2	.56		Jun 24	1.20	
Oct 30	18.55					8	.04		Sep 14	9.70	
1948			1942			15	.82		Oct 2	1.70	
Jun 24	-		Oct 14			22	.15		Dec 2	-	
Oct 13	6.70		Nov 11	1.20	6	28	.79		31	1.80	
1949						Mar 19	.34				
Oct 4	-		1955			31	.02		1942		
			McKnight						Jan 4	1.35	16
			1939						1950		
			Jan 30	1.31		22	.15		Feb 3	2.90	
			Feb 28	.70		31	.60		19	1.55	
			Mar 26	.57		15	.71		May 1	.90	
			Apr 30	1.96		22	.61		Jul 11	2.35	
						30	1.26		Sep 25	-	
			1940			15	-		Nov 16	.25	
			Jan 30	1.31		22	.79				
			Feb 28	.70		28	.40		1951		
			Mar 26	.57		Mar 1	1.60		Jan 17	1.60	
			Apr 30	1.96		29	.75		Feb 27	2.50	
						30	.00		Sep 18	-	
			1941			Oct 19	1.10		Nov 1	1.51	
			Jan 5	-		29	.10				
			20	.08		30	.10		1952		
			29	.59		Oct 19	1.10		May 13	17.49	
			Feb 7	.07		29	.10		Oct 20	7.75	
			20	.56		30	.15				
			28	.00		30	.15		1953		
			Mar 15	.60		31	.25		Jul 14	-	
			30	.37		31	.60		Oct 13	3.07	
			Apr 24	4.36							
			Jan 5	-		1943			1947		
			20	.08		Jan 31	-		Jun 11		
			29	.59		Feb 28	1.87		Oct 16	9.80	
			Feb 7	.07		Mar 31	3.45				
			20	.56		Apr 30	.30		1954		
			28	.00		May 31	3.39		Jun 28	9.77	
			Mar 15	.60		Jun 30	1.31		Oct 21	8.05	
			30	.37		Aug 3	2.80				
			Apr 24	4.36		31	1.90		1955		
			Dec 5	-		Sept 30	2.00		Jan 10	1.65	
						Oct 31	1.85		Feb 22	2.80	
			1941			Nov 30	.75		Jun 15	3.90	
			Mar 8	4.92					Santa Fe Lake		
			Nov 8	-		1944					
			15	.00		Feb 1	4.00		1947		
			19	1.08	8	Mar 31	4.95		Jun 11		
			22	.00	6	May 1	2.15		Oct 16	9.80	
			30	.00	2						

Table 1 continued

Precipitation Measurements

NEW MEXICO

Observation date	Amount since last obs. (inches)	Snow on grnd. (in.)	Observation date	Amount since last obs. (inches)	Snow on grnd. (in.)	Observation date	Amount since last obs. (inches)	Snow on grnd. (in.)	Observation date	Amount since last obs. (inches)	Snow on grnd. (in.)
Santa Fe Lake, cont.											
1948 Jun 30	-		1940 Dec 8	.00		1945 Apr 1	2.53		1938 Apr 15	.55	
Oct 1	5.25		15	.07		May 19	3.30		30	.96	
			22	.32		Jun 30	.64		Sep 27	-	
			31	.56					Oct 31	.31	
1949 Jun 15	16.25		1941 Jan 8	.06		1946 May 31	-		Nov 15	.14	
Oct 13	-		16	.50		Jun 30	.30		30	.00	
			26	.56		Jul 31	1.55		Dec 15	T	
1950 Sep 29	15.00		31	.20		Aug 29	3.30		31	.69	
			Feb 7	.05		Oct 3	.05				
1951 Jun 1	14.00		16	.22		Nov 8	3.68		1939 Jan 31	.55	
Sep 24	10.30		23	.40		30	1.20		Feb 15	.14	
			26	.75					28	.14	
1952 Jun 5	19.40		Mar 6	.22		1947 Jan 3	.48		Mar 15	.45	
Oct 8	-		15	1.31		31	.90		31	.03	
			23	.47		Mar 1	1.60		Apr 30	.17	
			31	1.34		31	1.45		Nov 30	-	
1953 Jun 5	20.65		Jun 30	-		Oct 31	-		Dec 31	.17	
Sep 30	9.40		Jul 10	.58					1940 Jan 15	.52	
			11	.80		1948 Jan 30	1.80		Feb 16	.58	
			12	1.72		Feb 29	1.95		29	.07	
1954 Jun 3	16.50		14	.13		Mar 31	3.20		Mar 15	.03	
Oct 5	15.90		19	.70					Apr 15	.00	
			20	.25					30	.00	
			21	.12					30	.38	
1955 Jun 16	18.50		Aug 3	.40		1953 Feb 2	-		Dec 9	-	
			5	.23		1954 Jan 31	1.15		16	1.10	
			8	.15		Feb 28	3.95		31	1.02	
			9	.05		Mar 31	2.10				
1937 Nov 1			11	.10		Oct 31	3.10		1941 Jan 31	.80	
			12	.15		Nov 30			Mar 15	-	
15	.00		13	.40					31	.98	
22	.08		18	.15		1954 Jan 31	1.50		Apr 15	.42	
30	.25		29	.10		Feb 28	.70		30	.59	
Dec 8	.00		Sep 14	.15		Mar 31	2.90		Sep 18	-	
15	.22		18	.28		May 26	2.92		1939 Jan 1	.00	
22	.10		20	.02		Sep 15	8.50		9	.58	
30	.20		21	.50		Dec 17	1.60		15	.08	
			22	.25					22	.45	
			29	.80		29	.60		31	.61	
1938 Jan 8	.14		Oct 4	.55		29	.55		Feb 8	.15	
	.00		14	.90		30	1.80		15	.07	
	.25		19	.15		Jan 20	1.00		22	.00	
31	.15		21	.40		Feb 28	3.20		Oct 5	.20	
Feb 8	.29		22	.22		Mar 31	1.05		15	.25	
15	.27		23	.18		Apr 30	2.50		21	.45	
22	.27		25	.10		May 16	1.75		25	.90	
28	.26		28	.20		26	4.50		28	.10	
Mar 8	.37		29	.90		Jun 8	.12		Nov 2	.06	
15	.64		31	.20					18	.16	
22	.15		Nov 18	.36		1940 Dec 4	.03		30	.00	
31	.57		30	.08		9	.09		30	.27	
Apr 8	.23		Dec 15	.10		1951 Oct 15	-		31	.55	
15	.28		22	.56		21	.04				
22	.49		25	.49		22	.11		1940 Jan 15	.00	
30	.39		27	.20		24	.28		31	.03	
Oct 31	-		31	.32		1952 Jul 17	15.31		Feb 15	.07	
Nov 8	.88		1942 Jan 2	.10		Sep 27	6.35		29	.25	
15	.00		17	.02					Mar 15	.98	
22	.01		29	.13		1953 Jul 6	9.54		31	.16	
30	.06		30	.20		Sep 30	-		Apr 15	.75	
Dec 8	.00		Feb 13	.00		1954 Sep 6	-		30	.11	
15	.21		15	.25		15	.00		Nov 30	-	
22	.63		22	.40		22	.95		Dec 9	.89	
31	.00		25	.20		30	.20		16	.50	
			28	.15		Oct 6	.65		23	.02	
1939 Jan 8	.69		Mar 6	.35		Sep 17	7.80		30	.23	
15	.38		12	.27							
22	.29		14	.48		1955 May 14	7.75		1941 Oct 1	.05	
31	.34		16	.40					Jan 6	.00	
Feb 8	.18		25	.05		1956 Dec 1	.05		13	.10	
15	.02		31	.00		24	.00		20	1.35	
22	.03		Nov 30	-		29	.00		27	1.10	
28	.18		Dec 3	.95		1951 Oct 23	-		Feb 2	.01	
Mar 8	.12		4	.30		Nov 2	.74		9	.41	
15	.30		21	.05		30	.84		16	.00	
22	.00		25	.60					23	.64	
31	.27		1943 Jan 17	.50		1952 Jun 19	7.70		Mar 7	.81	
Apr 8	2.10		27	.45		Jul 3	2.75		14	.04	
30	.23		31	.01		31	.00		21	.91	
Nov 11	-		Dec 15	-		1953 Apr 26	2.70		28	.65	
22	.00		27	.01		29	.00		Apr 3	.00	
30	.33		31	.00		1954 Jun 30	3.00		10	.74	
Dec 8	.00		Feb 9	.49		Jul 27	1.20		17	1.10	
15	.21		15	.20		Jun 30	3.00		24	.30	
22	.00		28	.25		Oct 19	4.59		May 11	.35	
31	.21		Mar 5	.13					12	.12	
			10	.98		1952 Jun 16	9.82		14	.06	
1940 Jan 8	.45		18	.20		1953 Jul 31	.15		20	.04	
15	.45		23	.23		1954 Aug 31	.00		23	.45	
22	.34					1955 May 24	.00		25	.11	
31	.12		1944 Mar 28	-		Sep 20	5.45		29	.02	
Feb 8	.45		Apr 26	3.65		30	.50		Jun 9	.05	
15	.22		May 31	1.90		31	.00		11	.05	
22	.21		Jun 17	4.80		30	.50		12	1.65	
29	.28		Aug 30	3.00		31	.00		21	.32	
Mar 8	.60		Oct 24	-		1937 Jan 15	1.03		24	1.43	
22	.00		Nov 28	2.93		Feb 8	.58		Jul 6	.20	
31	.14		Dec 26	1.95		1955 Mar 31	1.00		11	.11	
Nov 1	-					Apr 30	1.55		13	.29	
22	.34		1945 Mar 3	2.60		May 31	2.65		18	1.55	
30	1.40					Jun 29	.15		19	.60	
									21	.20	
									24	.26	

Table 1 continued

Precipitation Measurements

NEW MEXICO

Observation date	Amount since last obs. (inches)	Snow on grnd. (in.)	Observation date	Amount since last obs. (inches)	Snow on grnd. (in.)	Observation date	Amount since last obs. (inches)	Snow on grnd. (in.)	Observation date	Amount since last obs. (inches)	Snow on grnd. (in.)
Truchas, cont.											
1941 Jul 25	.24		1955 Mar 31	4.15		1941 Aug 18	.78		1952 Jun 25	-	
Aug 3	.15		Jun 6	3.75		Sep 22	1.53		Oct 29	9.68	
4	.15					23	.87				
8	.70					29	.53				
9	.10					Oct 4	.55				
10	.05					14	.64				
11	.35					22	.87				
15	.10					29	.84				
23	.05					Nov 22	.05				
29	.15					Dec 11	.09				
Sep 15	-					25	.45				
22	1.02					27	.13				
29	1.30										
Oct 6	.65										
13	.80										
20	.20										
27	.53										
Nov 3	.74										
17	.00										
24	1.28										
Dec 1	.26										
8	.00										
15	.52										
22	.14										
29	.30										
1942 Jan 8	.01										
15	.05										
22	.18										
29	.08										
30	.22										
Feb 4	.00										
8	.00										
9	.01										
10	.94										
11	.00										
12	.02										
16	.00										
17	.03										
22	.00										
23	.15										
24	.05										
25	.00										
26	.23										
28	.00										
Mar 6	.06										
11	.00										
12	.36										
13	.09										
14	.00										
15	.66										
16	.86										
18	.00										
19	.03										
23	.00										
24	.12										
29	.00										
30	.01										
31	.00										
Oct 30	-										
Nov 20	.44										
Dec 1	.48										
25	.67										
31	.09										
1943 Jan 15	.85										
31	.25										
Feb 1	.00										
15	.55										
28	.09										
Mar 1	.04										
15	1.90										
31	.03										
Dec 1	-										
13	.63										
20	.08										
24	.70										
29	.09										
1944 Jan 4	.64										
13	.14										
27	.50										
1953 Sep 18	-										
Nov 30	2.80										
1954 Jan 1	1.01										
31	1.19										
Feb 28	.60										
May 24	5.38										
Sep 14	-										
1941 Jul 25	.24										
Aug 3	.15										
4	.15										
8	.70										
9	.10										
10	.05										
11	.35										
15	.10										
23	.05										
29	.15										
Sep 15	-										
22	1.02										
29	1.30										
Oct 6	.65										
13	.80										
20	.20										
27	.53										
Nov 3	.74										
17	.00										
24	1.28										
Dec 1	.26										
8	.00										
15	.52										
22	.14										
29	.30										
1942 Jan 8	.01										
15	.05										
22	.18										
29	.08										
30	.22										
Feb 4	.00										
8	.00										
9	.01										
10	.94										
11	.00										
12	.02										
16	.00										
17	.03										
22	.00										
23	.15										
24	.05										
25	.00										
26	.23										
Mar 6	.06										
11	.00										
12	.36										
13	.09										
14	.00										
15	.66										
16	.86										
18	.00										
19	.03										
23	.00										
24	.12										
29	.00										
30	.00										
Aug 1	.12										
15	.13										
21	.84										
24	3.18										
29	.18										
Jun 23	10.22										
Jul 21	2.13										
26	.47										
28	.96										
31	.31										
Aug 1	.70										
15	2.25										
21	.35										
24	3.18										
28	.96										
31	.31										
Aug 1	.70										
15	11.42										
Oct 11	-										
22	.05										
28	.40										
30	.40										
31	.30										
Dec 6	1.50										
Jul 23	9.45										

Table 2

38

Prorated Monthly Precipitation

ARIZONA

AZTEC PEAK

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
1951	-	-	-	-	-	-	-	-	-	-	-	-	-
1952	2.97	.85	6.98	4.13	.13	.71	2.11	4.29	.75b	.00	2.43a	4.46	-
1953	-	-	1.58a	.29	.03	4.67	2.50	.00	.00	1.56	.49	-	-
1954	3.85	1.54	11.63	.40	.44	.28	3.45	6.11	4.42	.46	.05	1.31	33.94
1955	5.70	1.07	.04	.49	.05	1.56	-	-	-	-	-	-	-

BEAVERHEAD LODGE

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
1939	2.79	1.96	1.83	2.13	.00	.06	3.09	4.09	1.75	1.72	1.86	1.81	23.19
1940	1.47	2.70	.71	1.09	1.63	1.65	1.98	5.78	4.35	1.14	2.42	4.37	29.29
1941	2.62	2.14	3.59	3.31	2.13	.96	5.01	7.78	6.67	3.60	2.31	2.66	42.78
1942	.86	1.95	1.86	.83	.06	.00	3.89	4.34	2.41	1.35	.00	2.45	19.90
1943	2.61	.51	1.86	.33	.75	1.08	4.13	5.39	3.79	1.47	.10	2.13	24.15
1944	.86	2.18	1.29	.71	1.07	.09	4.43	6.78	4.57	1.99	2.84	1.52	28.33
1945	2.77	.47	3.49	.25	.13	.20	3.16	4.62	1.27	1.90	.01	1.66	19.93
1946	1.87	.24	1.27	.50	.15	.38	3.68	10.23	2.62	1.40	1.73	1.33	25.40
1947	.91	.39	.35	.24	1.63	.39	3.86	7.01	1.23	2.60	1.89	1.62	22.12
1948	1.13	3.72	2.16	.09	.04	1.51	5.84	4.51	2.04	2.25	.07	3.96	27.44
1949	13.01	.91	1.54	.43	1.24	1.98	4.00	2.67	3.18	2.18	.15	1.91	23.20
1950	1.31	1.52	1.15	.06	.19	.40	5.31	1.08	1.80	.42	.16	.02	13.42
1951	1.92	.97	1.29	2.15	.46	.00	2.30	5.03	.77	3.18	.97	3.52	22.56
1952	6.56	.77	3.28	2.13	.77	1.77	3.92	3.88	2.41	.00	1.77	1.87	28.13
1953	.21	1.20	3.62	.76	.62	4.02	2.04	.00	.31	.75	.63	14.73	-
1954	1.76	.37	6.01	.19	.92	1.03	3.93	4.89	1.59	1.36	.05	.30	22.40
1955	3.22	.83	.19	.56	1.42	1.14	-	-	-	-	-	-	-

FORT VALLEY

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
1938	-	-	-	-	-	-	-	-	-	-	-	-	-
1939	1.67	1.37	1.18	1.12	.12	.04	.86	4.07	3.55	.56	1.36	.22	16.12
1940	2.42	3.07	.46	2.64	.28	1.29	.13	3.37	5.08	3.69	1.42	3.95	27.80
1941	1.64	2.52	2.74	3.88	.63	.89	2.06	1.76	3.11	4.92	1.08	3.70	26.94
1942	.36	1.73	1.03	1.76	.02	.00	1.30	1.25	.79	.98	.28	2.05	11.55
1943	3.56	1.72	2.59	1.22	.25	.38	1.48	5.32	1.52	1.95	.34	2.06	22.39
1944	1.85	3.32	1.69	2.46	1.33	.00	.69	1.64	1.13	.80	2.27	1.85	19.03
1945	1.86	.78	4.31	.82	.03	.05	2.69	2.68	.32	1.05	.16	3.14	17.99
1946	1.11	.88	1.63	4.74	.40	.00	2.63	5.23	.80	1.45	2.61	1.60	23.08
1947	.81	.44	.31	.24	1.92	.05	.22	4.30	.72	1.34	.81	2.25	13.41
1948	.64	2.14	2.33	.52	.10	.40	2.32	3.77	1.16	2.04	.04	2.68	18.05
1949	7.03	1.69	.61	.57	1.28	1.50	4.39	2.42	2.98	3.75	.98	1.67	28.87
1950	2.51	1.94	1.41	.23	.38	.18	5.08	1.14	1.06	.00	.31	.13	14.37
1951	1.55	1.46	.67	2.55	.59	.00	3.51	6.04	.66	1.78	1.46	6.23	26.50
1952	3.10	.89	4.08	2.43	.09	.31	4.02	4.33	2.52	.00	2.90	.91	26.58
1953	1.11	.11	1.13	1.60	.38	.00	6.13	3.22	.00	.51	1.16	.55	15.90
1954	2.05	1.68	5.04	.13	1.20	.96	3.57	2.00	2.17	.78	.30	.90	20.78
1955	3.25	3.37	.36	.96	.52	3.72	-	-	-	-	-	-	-

FOUR PEAKS

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
1952	-	-	-	-	-	-	-	-	-	-	-	-	-
1953	1.07	1.05	4.80	.15	.05	.10	3.30	1.30	.00	.00	.80	.50	13.12
1954	5.00	2.00	9.75	.00	.90	.30	4.85	4.95	3.35	.05	.00	.25	31.40
1955	5.60	.28	.04	.26	.05	2.35	-	-	-	-	-	-	-

FRAZIER WELL 4 NE

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
1950	-	-	-	-	-	-	-	-	-	-	-	.00	.13
1951	1.30	.57	.60	2.45	1.29	.00	3.88	3.78	.75	2.22	.86	3.27	20.97
1952	2.63	.57	3.20a	-	-	-	-	1.70	.00	1.60	1.45	-	-
1953	1.25	.73	1.00	1.75	.11	.14	4.78	2.64	.20	.34	.50	.65	14.09
1954	2.00	1.09	3.31	.20	.35	1.11	1.25	1.28	.377	.45	.29	1.43	16.53
1955	2.52	1.84	.28	.26	.10	1.64	-	-	-	-	-	-	-

GREER LAKES

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
1941	-	-	-	-	-	-	-	-	-	-	-	-	-
1942	1.05	.67	1.08	.11	.00	1.52	2.90	1.42	2.05	.05	1.33	1.35	-
1943	1.45	.90	1.15	.30	1.25	.50	1.62	10.56	.90	1.50	.09	1.01	21.23
1944	.47	.90	.87	.78	.45	.00	2.55	3.45	3.05	1.05	1.10	.70	15.37
1945	.43	.42	1.58	.07	.00	.25	3.85	3.72	.70	1.80	.00	1.73	14.55
1946	1.65	.10	1.05	.55	.00	.13	4.27	6.20	4.61	.99	1.55	.75	21.85
1947	.00	.10	.20	1.25	.45	.45	3.40	3.95	.20	.86	.99	.98	18.20
1948	.30	2.70	2.10	.20	.00	.69	4.05	3.06	1.35	1.78	.81	.79	18.83
1949	2.18	1.00	1.10	.39	.30	1.05	3.35	3.50	2.30	2.00b	.11	1.06	18.34
1950	.58	.50	.86	.14	.10	.60	6.40	1.32	1.37	.52	.08	.00	12.47
1951	1.39	.68	1.07	1.50	.00	.00	4.24	4.74	.63	1.65	.48	.85	18.23
1952	3.44	.43	1.00	1.52	.14	.84	2.69	2.89	.70	.00	2.52	1.00	17.17
1953	.33	.78	2.20	.60	.28	.82	4.05	1.59	.06	.44	.88	.68	12.71
1954	1.32	.33	3.76	.00	1.30	.22	3.12	1.34	1.98	.82	.32	.45	14.96
1955	1.65	.73	.32	.01	.87	1.45	-	-	-	-	-	-	-

HEBER RS

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
1940	-	-	-	-	-	-	-	-	-	-	-	-	-
1941	2.50	1.65	3.11	2.93	1.61	1.45	2.30	2.05	3.30	1.90	1.71	2.49	27.00
1942	1.15	1.10	1.13	1.57	.00	.00	1.54	2.21	1.44	.33	.30	2.25	16.02
1943	2.43	.84	1.50	.48	.15	.15	1.65	2.75	1.95	.97	.10	2.27	15.24
1944	1.20	3.60	1.85	1.95	.93	.05	2.20	3.37	3.17	.47	2.47	.77	21.03
1945	2.20	.82	3.13	.55	.00	.00	1.90	1.85					

Table 2 continued

Prorated Monthly Precipitation

ARIZONA

INDIAN GARDENS

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
1938	2.52	2.69	1.57	.85	.07	.00	2.09	3.69	4.02	.74	2.33	.48	21.05
1939	3.68	2.57	1.19	3.87	.00	1.57	.39	3.89	4.36	4.22	2.85	8.58	37.17
1940													
1941	3.63	5.30	6.59	6.06	2.60	.12	5.24	2.03	2.15b	2.65b	1.61	5.28	43.27
1942	1.63	2.69	1.18	2.31	.00	.00	1.75	2.90	4.08	4.26	1.07	3.91	25.78
1943	4.84	1.50	3.09	.39	.02	1.19	1.31	5.44	2.97	1.37	.00	3.25	25.37
1944	1.52	5.72	2.47	1.61	2.45	.02	1.77	3.44	4.01	2.36	1.04	3.02a	-
1945	4.01	1.49	10.22	.62	.02	.04	3.22	3.37	.05	.72	.00	3.82	27.58
1946	2.62	.67	1.50	.23	.02	.00	3.46	6.38	4.98	1.83	3.84	2.81	29.34
1947	1.38	1.16	.26	.11	2.11	.11	1.70	7.19	.72	2.27	2.56	6.18	25.75
1948	.71	6.29	4.82	.71	.00	.62	3.04	11.42	3.72	5.32	.00	5.44	41.79
1949	7.61	2.04	1.30	.74	.40b	2.67b	3.87	2.82	4.95	4.06	1.41	7.19	39.16
1950	5.82	5.21	2.43	.03	.42	.75	4.06	.87	1.19	.00	.78	.00	21.56
1951	3.51	1.62	.94	2.62	1.23	.00	1.82	9.11	.90	2.17	2.90	5.70	32.52
1952	4.30	1.03	6.62	3.93	.36	.11	3.04	3.15	2.39	.00	6.01	2.38	33.32
1953	1.11	.68	2.88	1.05	.20	.03	5.87	3.26	.01	.33	.89	.91	17.22
1954	3.11	1.16	5.97	.05	.60	.80	4.25	4.20	2.42	.54	.86	.87	24.83
1955	3.56	2.00	.10	.95	.25	3.80							-

INNER BASIN

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
1942													
1943	5.80	2.44	2.27a	-	1.7	-	3.61	-	2.38a	.32	2.96	-	
1944	2.78	3.75	2.58	2.48	1.47	.06	3.61	4.35	4.60	2.01	3.08	2.34	33.11
1945	3.05	.88	5.94	1.26	.08	.12	5.78	6.70	.59	3.01	.26	4.19	31.86
1946	1.60	1.88	1.17	4.73	.50	.00	4.01	6.04	1.04	2.65	3.71	2.25	29.58
1947	.74	.39	.31	.19	1.95	.01	1.09	6.33	1.03	2.30	1.39	2.78	18.80
1948	1.32	3.98	3.04	.29	.29	.73	1.94	3.97	1.45	3.76	.07	3.44	24.78
1949	8.29	3.37	1.02	.53	1.59	2.53	4.04	2.23	3.48	4.82	.96	1.93	34.79
1950	1.58	1.70	1.91	.29	.43	.39	4.50	2.38	1.49	.00	.46	.07	15.20
1951	2.28	1.91	1.04	2.84	1.04	.00	2.86	7.95	.84	2.30	1.88	9.64	34.58
1952	5.13	1.28	5.42	3.02	.15	.27	5.19	5.33	3.90	.03	5.27	3.26	38.25
1953	1.56	.38	1.83	2.54	.31	.04	7.25	5.00	.83	1.20	3.49	1.10	25.53
1954	5.10	3.70	9.80	.58	2.00	1.13	5.41	2.43	3.22	1.19	.47	1.19	36.22
1955	4.80	4.18	.49	1.18	1.12	4.56							-

LAKESIDE RS

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
1946													
1947	.90	1.05	.10	.12	1.66	.47	4.73	6.79	4.90	1.03	2.45	1.27	-
1948	.34	3.14	1.74	.27	T	.50	4.40	1.60	.84	2.66	.08	3.37	18.94
1949	4.45	2.05	2.19	.63	.04	.82	3.25	2.82	1.90	2.44	.36	2.94	23.89
1950	.95												-

LONG VALLEY RS

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
1938													
1939	2.32	1.75	1.87	.93	.11	.21	.62	5.22	5.21	1.06	1.79	.35	-
1940	2.30	2.68	1.00	3.02	.35	1.10	2.05	4.65	5.22	4.91	2.61	4.88	34.77
1941	3.20	3.65	5.25	6.97	1.18	.48	3.11	4.63	4.68	3.20	2.72	3.50	42.57
1942	1.00	2.85	.75	3.30	.00	1.92	3.98	3.76	2.01	.46	3.13	23.16	
1943	2.95	1.83	2.78	.47	.30	.02	1.33	3.67	2.52	1.85	.02	3.85	21.59
1944	1.90	5.15	2.60	2.58	1.57	.40	1.50	2.31	3.52	.30	2.33	2.00	26.16
1945	2.60	1.90	5.30	.16	.20	.12	1.38	4.95	1.25	1.27	.00	3.50	22.63
1946	2.12	1.20	1.17	1.80	.21	.00	4.41	6.38	3.62	3.55	3.02	2.60	30.08
1947	1.87	.65	.04	.00	1.79	.31	2.15	6.09	.77	4.55	4.60	2.85	25.67
1948	.70	2.60	2.03	.68	.06	.17	2.93	8.47	1.00	2.42	.00	5.25	26.31
1949	8.25	1.50	.90	.44	1.37	.26	4.12	2.20	3.08	4.47	.63	3.40	32.99
1950	1.00	1.75	1.50	.00	.40	.50	5.00	1.32	1.66	.00	1.05	.05	14.23
1951	3.55	1.95	1.53	3.03	.94	.00	2.04	7.29	.52	1.23	3.09	5.00	30.17
1952	4.75	.55	3.35	.46	.00	.48	4.85	2.20	.00	4.15	1.75	32.21	
1953	.72	.90	1.95	.93	.38	.07	5.45	3.46	.11	.32	1.52	1.45	17.26
1954	3.20	1.25	7.45	.45	1.10	1.25	5.60	2.60	2.50	.50	-	-	-
1955	-	-	.50	1.85	3.85								-

MINGUS MOUNTAIN LOOKOUT

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
1942	.80	2.30	.75	2.10	-	-	.77	8.95	2.35	1.11	.00	3.76	26.64
1943	3.60	1.70	2.70	1.50	.00	.20	.77	1.40	1.68	.45	2.55	2.20	26.25
1944	3.31	6.35	2.05	2.50	2.26	.00	1.50b	1.40	1.68	.45	2.55	2.20	22.60
1945	3.80	1.55	5.65	.50	.00	.00	2.80	3.00	.20	1.70	.00	4.40	
1946	2.05	.85	.30	3.55	.00	.00	5.20	3.40	2.20	1.40	1.45	2.30	22.70
1947	.30	.10	.10	.00	1.00	.00	2.40	5.50	1.00	.90	1.60	4.00	16.90
1948	.40	3.20	1.80	.00	.00	.00	2.00	2.80	1.10	2.50	.30	1.40	15.70
1949	13.90	.40	.85	.45	1.40	.90	.90	2.00	1.70	2.30	.40	1.20	26.40
1950	1.20	4.80	1.50	.00	.00	.00	4.70	.90	1.10	.00	.25	.00	14.45
1951	3.40	.65	1.25	3.85	1.40	.00	3.45	8.40	.20	2.25	2.15	2.70	29.70
1952	3.60	1.60	4.80	3.10	.10	.30	3.25	3.60	2.95	.00	3.20	3.30	29.80
1953	.40	.40	1.70	1.70	.55	.00	6.15	4.10	.00	.00	.70	.20	16.90
1954	3.35	1.65	5.85	.00	.20	.96	5.70	4.85	1.45	.80	.10	.90	26.90
1955	4.00	1.10	.25	.85	.20	.30							-

MORMON LAKE RS

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
1945													
1946	1.40	1.05	1.10	3.67	-	-	-	-	-	-	-	-	-
1947	-	-	-	-	-	-	-	-	-	-	-	-	-
1948	.91	5.12	3.88	.60	.37c	.31c	1.53c	4.55c	1.09c	1.90	.00	3.68	26.34
1949	10.61	2.20	1.13	.40	.63	3.65c	2.71c	.54c	3.28c	3.87	1.30	3.60	33.92
1950	2.05	2.35	1.45	.08	.22	.00	4.67c	1.41c	.35c	.00c			

Table 2 continued

Prorated Monthly Precipitation

ARIZONA

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MOUNT BALDY														
Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual	
1942														
1943	3.50	1.63	4.37	.65	.85	.70	3.62	7.48	4.01	3.36	.06	3.15	33.38	
1944	1.15	4.22	2.80	2.27	.87	.00	4.60	6.60	7.70	1.05	4.40	3.22	38.88	
1945	2.17	1.42	5.65	.82	.07	.45	5.57	6.62	1.07	.90	.05	5.45	30.24	
1946	3.95	1.40	2.28	2.34	.00	.00	5.03	10.53	8.74	2.40	4.88	2.80	44.15	
1947	.97	2.12	.18	.20	5.40	.85	3.75	10.20	4.43	5.48	4.40	3.75	41.73	
1948	.85	8.45	5.80	.35	.00	1.13	5.78	3.60	2.22	4.22	.03	5.95	38.38	
1949	6.27	1.85	2.35	.95	.55	1.80	8.80	4.00	2.80	2.54	.86	4.36	37.13	
1950	2.59	1.61	3.07	.52	.36	.83	4.99	3.63	2.80	.52	.57	.00	21.49	
1951	3.85	1.70	2.10	3.95	.90	.00	4.15	9.35	1.84	3.10	2.05	5.32	38.31	
1952	6.40	.93	5.10	3.90	.02	1.30	4.40	6.96	3.20	.00	4.98	1.98	39.17	
1953	1.37	1.53	5.30	2.50	.78	1.18	8.15	6.98	.00				-	

MOUNT GRAHAM CUNNINGHAM RIDGE

MOUNT GRAHAM CUNNINGHAM RIDGE														
Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual	
1950								1.89	.63	.18	.18	.46	-	
1951	3.14	1.72	4.16	5.24	.09	.00	2.18	8.45	.81	3.68	3.34	5.35	37.17	
1952	4.51	1.07	6.16	2.69	.21	2.34	3.23	3.35	.60	.00	7.90	2.08	34.14	
1953	1.72	3.30	6.94	2.31	2.57	.00	7.34	1.32	.00	.33	.73	.67	27.23	
1954	2.61	1.62	8.80	.00	1.83	4.40	4.62	5.63	1.85	.90	.00	.64	32.90	
1955	6.75	.95	.31	.12	.40	1.68							-	

MOUNT ORD LOOKOUT

MOUNT ORD LOOKOUT														
Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual	
1943														
1944	2.10	9.15	4.10	2.26	2.30	.05	2.60	1.05	1.95	.95	3.40	2.30	32.21	
1945	3.48	1.15	6.05	.11	.00	.00	1.10	2.70	.00	2.10	.00	5.00	21.69	
1946	1.90	1.05	1.10	.10	.05	.00	.70	3.45	6.10	2.25	3.00	2.66	22.36	
1947	.85	.78	.01	.00	1.70	.00	1.80	4.85	2.00	1.50	1.60	2.41	17.50	
1948	.13	1.50	.75	.00	.00	.02	1.30	-	-	-	-	-	-	
1949	-	-	-	-	-	-	-	-	-	-	-	-	-	
1950	-	-	-	-	.25	.55	6.40	.55	.45	.00	.69	.00	-	
1951	4.91	1.30	.68	6.32	.80	.00	1.08	13.45	1.25	-	-	-	-	
1952	-	-	-	-	-	-	1.85a	3.90	2.26	.00	6.32	2.40	-	
1953	.52	.47	3.58	.58	.15	.00	3.03	2.00	.00	.00	.89	.62	11.84	
1954	4.81	1.33	9.00	.00	.40	.20	4.40	3.40	1.25	.27	.13	.77	25.96	
1955	5.50	.50	.03	.20	.00	2.35							-	

MOUNT UNION

MOUNT UNION														
Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual	
1942														
1943	1.98	.89	1.17	.72	.00	.00	2.05	7.51	2.97	1.40	.00	1.75	20.44	
1944	.98	5.85	1.10	1.48	.83	.00	.66	2.50	2.55	.42	2.56	2.38	21.31	
1945	2.77	.83	2.22	.12	.01	.00	4.24	5.99	.64	2.33	.00	5.00	24.15	
1946	.99	.04	.12	1.42	.13	.00	7.47	5.51	2.29	1.28	3.33	1.61	24.19	
1947	.11	.65	.00	.00	1.35	.00	.65	5.28	.62	.43	1.15	1.75	11.99	
1948	.00	2.20	1.15	.20	.05	.00	2.35	3.88	.60	3.56	.00	7.09	21.48	
1949	3.43	.31	.32	.42	.42	.00	.58	3.91	.72	2.17	3.04	.65	1.18	
1950	.89	.97	.53	.00	.20	.00	8.36	1.21	1.64	.15	.37	.00	14.32	
1951	1.20	1.10	.60	2.63	.22	.00	2.66	12.22	.10	1.65	1.14	2.13	25.65	
1952	1.60	.00	1.58	2.15	.15	.47	6.23	3.28	.28	.00	2.88	1.40	22.12	
1953	.20	.82	.63	.57	.08	.00	8.76	7.25	.00	.07	.21	.30	18.89	
1954	2.12	1.25b	5.13	.11	.16	1.35	5.73	3.23	2.42	.64	.30	.75	23.19	
1955	2.67	1.17	.00	.31	.32	.23							-	

O. W. RANCH

O. W. RANCH														
Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual	
1939														
1940	2.88	3.70	.90	2.32	.93	.93	3.52	-	-	1.08	3.90	1.67	-	
1941	4.75	2.62	-	-	-	1.18	2.33	2.80	-	-	-	3.70	-	
1942	1.42	1.42	1.60	1.65	.00	.00	5.22	2.78	.95	3.72	.29	4.57	23.62	
1943	4.09	1.46	3.58	.50	.24	.58	1.33	6.55	2.74	1.32	.00	2.95	25.34	
1944	1.25	5.80	2.20	2.00	2.05	.00	-	-	-	.50	4.13	2.30	-	
1945	3.15	5.00	6.10	.80	.05	.10	3.05	5.80	.00	1.95	.15	4.40	30.35	
1946	2.55	.70	1.90	1.55	.00	.00	2.60	10.15	6.25	1.85	3.75	3.50	34.80	
1947	1.15	1.10	.75	.20	1.20	.20	2.60	5.15	.95	3.35	2.75	2.70	22.10	
1948	.85	3.40	3.75	.20	.00	.03	2.87	4.93	.67	2.30	.02	6.42	25.44	
1949	8.95	2.35	1.50	.50	.20	2.50	3.55	1.65	3.10	1.85	.50	3.25	29.90	
1950	2.40	2.65	1.35	.05	.50	.65	2.50	1.65	2.05	.00	1.35	.40	15.55	
1951	3.20	1.85	1.35	3.75	.97	.00	-	-	2.67	-	-	-	-	
1952	-	-	-	4.05	.30	.00	-	-	1.98	.00	5.80	2.10	-	
1953	.97	.80	2.95	.77	.27	.00	9.94	3.10	.00	.00	1.58	.85	21.23	
1954	2.50	.85	6.80b	.05	.80	2.57	3.31	3.31	2.12	.00	.70	1.05	24.06	
1955	1.20	1.50	.10	.90	.00	3.15							-	

RUSTLERS PARK

RUSTLERS PARK														
Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual	
1942														
1943	-	-	-	-	.80	.00	.04	5.04	5.72	2.55	3.03	3.67	1.75	-
1944	-	-	-	-	.29	.00	.00	3.60	2.71	1.15	4.14	.00	.50b	20.35
1945	3.38	.62	3.96	.29	.00									
1946	-	-	-	.23	.70	1.01	3.17	11.05	1.22	.18	2.58	1.79	26.24	
1947	3.12	.44	.75	.21	T	.93	5.85	5.38	2.54	2.46	.12	3.83	27.23	
1948	.80	3.88	1.13	.21	T	.93	5.85	5.38	2.54	2.46	.12</			

Table 2 continued

Prorated Monthly Precipitation

ARIZONA

SNOW BOWL

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
1941													
1942	.23	2.70	1.02	-	-	-	-	-	-	1.05b	.52	3.08	-
1943	3.25	1.45	2.05a	-	-	-	-	-	-	2.40b	.15	2.85	-
1944	2.00	4.40	2.55	2.50	1.23	.00	1.00	1.20b	.35	1.78	.20	3.90	-
1945	-	-	-	-	-	-	2.55a	3.05	.35	1.78	.20	3.90	-
1946	1.59	1.06	1.70	5.40	.83	.00	3.05	5.05	1.00	3.00	3.95	1.75	28.38
1947	1.25	.55	.95	.20	2.63	.07	1.27	6.25	1.20	1.72	1.05	3.55	20.69
1948	.35	2.85	2.65	.50	.05	.55	.95	3.05	1.00	3.00	.00	3.25	18.20
1949	5.75	1.65	2.25	.90	2.15	3.25	4.25	2.65	2.73	4.10	1.05	2.15	32.88
1950	1.40	2.15	1.25	.33	.35	.15	4.75	1.50	1.61	.00	.55	.20	14.24
1951	2.15	2.10	.75	3.05	.80	.00	3.80	6.80	.75	2.35	2.10	9.55	34.20
1952	10.58	2.45	3.20	1.95	.05	.19	3.45	4.75	.02	.00	3.65	2.40	35.69
1953	1.20	.30	1.35	2.00	.35	.00	5.80	4.09	.00b	-	-	-	-

WILLIAMS CREEK FISH HATCHERY

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual	
1940										2.93	2.32	7.55	-	
1941	3.35	4.35	5.30	4.60	.94	.37	3.50	-	-	-	-	-	25.55	
1942	2.25	3.10	1.20	3.35	.00	.00	1.70	3.00	2.00	6.10	.10	2.75	-	
1943	4.65	1.65	3.90	1.00	1.00	.75	2.35	5.00	2.35	2.30	.10	1.95	27.00	
1944	-	-	-	-	-	-	-	-	-	-	-	-	-	
1945	-	-	-	-	-	-	.26	4.10	4.49	.66	1.55	.00	4.30	-
1946	1.94	1.06	1.65	1.75	.00	.00	2.87	5.48	3.70	1.55	2.28	1.89	24.17	
1947	.89	1.26	.21	.18	3.72	.21	1.60	7.78	2.38	3.70	2.52	1.99	26.44	
1948	.46	4.62	3.76	.14	.00	.43	3.64	2.11	1.52	3.16	.10	5.50	25.44	
1949	4.90	2.40	3.28	.88	.49	1.50	7.50	3.10	4.20	4.50	.00	3.30	36.05	
1950	2.10	2.90	1.30	.25	.18	.39	2.50	2.20	2.50	.00	.60	.00	14.92	
1951	4.20	1.80	1.80	4.00	.70	.00	3.48	4.93	1.05	3.00	.85	5.85	31.66	
1952	4.80	.85	5.70	3.89	.06	1.08	4.15	2.02	2.25	.00	3.38	1.90	30.08	
1953	.80	1.39	3.18	1.85	.25	.76	3.79	3.58	.00	.27	1.28	1.66	18.81	
1954	2.50	.89	7.55	.00	1.10	.78	5.07	6.80	3.00b	.88	.55	1.17	30.29	
1955	3.75	.67	.12	1.42	.15	2.21	-	-	-	-	-	-	-	

WORKMAN CREEK NO. 2

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
1938													6.42
1939	4.48	3.23	2.43	2.38	.17	.00	2.29	5.78	4.77	2.39	4.16	1.71	33.79
1940	2.38	4.52	.90	2.30	.61	.49	1.43	2.68	4.67	5.24	3.34	12.65	41.21
1941	7.10	5.35	8.61	6.97	2.07	.25	1.64	2.01	3.52	2.86	3.48	6.05	49.91
1942	1.91	2.92	1.55	2.42	.00	.00	1.87	2.87	3.40	3.43	.27	6.26	26.90
1943	7.15	1.58	4.92	.38	.00	.30	1.54	2.73	5.84	2.23	.00	3.93	30.60
1944	2.70	6.62	2.97	2.14	1.73	.00	3.68	2.68	5.20	1.36	5.14	2.72	36.92
1945	5.36	1.76	8.60	.42	.00	.00	5.40	2.87	.84	2.02	.00	7.12	34.39
1946	2.89	.73	2.80	1.50	.00	.00	2.50	7.10	6.94	1.87	4.63	5.03	37.99
1947	2.16	2.34	.54	.20	1.16	.08	1.14	6.67	2.20	2.06	4.14	2.41	25.10
1948	.45	4.33	3.52	.11	.00	.17	2.93	1.38	1.50	3.35	.04	8.50	26.25
1949	10.64	2.45	1.79	.39	.44	3.21	3.59	2.76	3.07a	4.10b	.70	4.60	37.72
1950	2.80	4.20	1.45	.00	.65	1.80	2.45	1.85	2.10	.00	1.30	.00	18.60
1951	5.50	1.77	2.41	6.24	.73	.00	.78	15.32	1.20	2.05	3.18	8.60	47.78
1952	5.75	1.34	9.86	3.72	.04	.61	3.35	6.38	.95	.00	6.78	3.66	42.44
1953	1.40	2.48	2.68	1.70	.35	.04	7.76	3.24	.07	.00	1.93	.74	22.39
1954	3.91	1.27	12.15	1.08	.49	.47	4.45	8.17	4.68	.48	.03	1.22	38.40
1955	4.27	1.36	.13	.66	.05	1.71	-	-	-	-	-	-	-

YAEGER CANYON

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
1948													-
1949	9.70a	.40	.45	.35	1.00	1.00	1.70	3.40	1.10	2.40	.20	1.10	-
1950	.90	1.30	.70	.00	.00	.00	4.70	.80	1.00	.00	.00	.00	9.40
1951	1.55	.75	.60	2.75b	1.00b	.00b	2.45	5.50	.10	2.15	1.15	1.40	19.40
1952	1.95	.80	3.20	1.10	.00	.00	3.55	3.35	4.05	.00	5.35	2.20	25.56
1953	.30	.20	.85	1.15	.45	.00	-	2.30	.00	.00	.00	.15	-
1954	2.00	1.00	2.60	.05	.35	.40	4.40	3.85	1.60	.60	.00	.60	17.46
1955	2.20	.50	.20	.30	.15	.25	-	-	-	-	-	-	-

COLORADO

Table 2 continued

42

Prorated Monthly Precipitation

COLUMBINE

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
1948	4.41	1.71	4.05	2.32	5.23	4.45	2.15	1.29	3.02	2.45	4.18	6.35	-
1949	4.92	1.56	2.92	6.40	4.95	3.43	2.96	.62	4.32	1.25	3.02	4.65	41.03
1950	4.70	2.37	1.17	4.45	2.73	2.17	3.05	4.43	.68	6.06	1.87	10.80	44.28
1951	4.57	2.86	4.74	3.25	3.78	2.96	3.44	2.73	.65	.00	1.74	3.50	34.22
1952	4.01	2.27	3.62	4.12	4.65	2.73	4.02	2.60	.17	2.33	3.12	2.52	36.16
1953	2.55	1.07	5.51	1.38	2.48	1.58	2.88	1.66	7.30	4.24	2.98	2.68	39.31
1954	4.62	4.13	2.06	2.27	3.67	3.54							-

FAIRPLAY

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
1942													
1943	.55	.50	1.80	1.40	2.10	1.00	1.95	2.95	.34	.40	.50	.55	14.04
1944	.75	.80	2.13	3.79	.86	.06	.63	1.52	.26	.78	.43	.17	12.18
1945	.80	.90	1.10	3.90	1.26	.02	3.15	1.75	.80	1.00	.20	.10	14.98
1946	1.05	.23	.82	1.88	1.58	.45	3.00	1.75	.97	1.68	2.40	.22	16.03
1947	1.23	1.10	.65	2.70	2.10	3.20	2.65	3.35	1.00	2.18	1.15	.67	21.98
1948	1.95	1.66	1.66	1.33	2.04	.99	1.08	.75	.45	1.48	.65	1.51	15.55
1949	.66	.28	1.09	.73	3.55	3.72	4.26	1.54	1.17	2.96	.05	.09	20.10
1950	1.44	.72	1.18	1.76	.69	.96	1.93	.55	1.08	.13	.70	.50	11.64
1951	1.40	.90	.80	1.40	1.59	1.20	1.16	2.41	.56	1.68	1.04	2.07	16.21
1952	.60	.28	1.72	1.13	1.12	.35	9.10	1.64	.50	.00	1.37	.50	12.31
1953	.46	.86	1.07	1.10	2.27	.79	3.07	.83	.21	1.44	.89	.51	13.50
1954	.45	.25	1.05	1.20	1.91	.33	2.94	.99					-

GRAND LAKE 1 N

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual	
1940	2.10	1.15	1.70	1.60	1.25	1.15	3.20	2.05	2.00	.75	.75	1.00	18.70	
1941	.80	1.40	1.85	4.30	.75	2.30	1.10	2.60	1.75	1.35	1.30	.55	20.05	
1942	1.10	1.60	1.15	2.95	.90	1.00	2.40	.75	.56	1.29	1.25	16.60		
1943	.90	2.25	1.90	1.00	3.10	2.50	1.60	1.95	.85	.85	.50	.60	18.00	
1944	.75	1.35	2.00	2.40	2.65	1.55	1.13	1.50	.20	1.90	.60	.40	15.43	
1945	1.65	2.35	1.40	2.65	2.00	2.90	2.00	3.30	1.40	.65	1.55	1.85	23.70	
1946	.65	.55	1.30	1.45	2.05	1.20	1.65	1.80	1.00	2.10	2.15	.80	16.70	
1947	1.30	2.20	2.15	1.85	3.10	2.40	1.95	1.70	1.80	2.35	.95	.75	22.60	
1948	1.50	1.15	1.45	1.40	.75	1.50	.90	.90b	1.74	1.04	.50	2.17	3.23	17.33
1949	.73	.32	2.15	1.35	2.22	1.72							-	

LEADVILLE 10 WNW

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
1949	3.14	2.00	4.57	2.51	1.23	.21	1.53	1.17	2.52	1.95	.22	1.21	-
1950	2.77	1.91	3.97	1.90	2.26	.63	4.25	2.53	.95	1.37	2.16	6.26	30.70
1951	3.80	2.73	2.01	4.68	1.50	.88	1.83	2.53	.95	1.37	2.24	2.04	25.35
1952	2.19	1.89	2.64	2.32	2.15	.87	2.46	1.14	.51	1.84	1.36	1.48	20.85
1953	.76	1.56	2.35	.68	1.21	.38	2.94	1.17	2.36	1.54	1.71	1.02	17.68
1954	1.32	1.75	2.53	.76	1.81	.77							-

LITTLE DOLORES

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
1950	.82	.59	.19	.24	2.98	.74	.61	2.44	.46	1.36	-.01	-.34	-
1951	-.01	-.22	1.07	.11	2.40	.90	1.14	1.00	1.21	1.41	.35	13.26	
1952	.10	.50	1.50	.87	1.24	.19	2.15	2.00	.03	2.92	1.41	.78	11.96
1953	.28	.30	.36	.73	.60	.34	1.78	.98	3.10	.97	1.74	.78	-
1954	.40	1.40b	.05b	1.08	1.43	.49							-

LONGS PEAK

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
1947	2.88	1.86	2.91	2.13	1.68	1.26	.64	.83	1.11	1.31	2.04	3.86	22.51
1948	1.49	.36	2.22	2.09	3.53	6.68	3.23	1.49	1.08	2.05	.17	.96	25.35
1949	1.90	.59	.83	3.03	3.22	1.15	1.59	.30	.54	4.15	1.89	24.95	
1950	2.63	1.91	2.03	3.25	4.62	4.03	2.89	5.95	1.63	3.30	1.32	6.39	39.95
1951	.92	.81	3.61	3.85	2.86	3.04	3.36	3.62	1.11	.12	2.69	1.32	27.31
1952	1.86	1.72	2.32	3.28	4.28	1.78	3.30	5.54	.88	.84	2.16	1.37	32.38
1953	.92	.40	3.21	.79	2.04	1.32	3.85	3.17	4.10	1.19	1.32	1.17	23.48
1954	1.11	1.18	2.56	.24	4.10	3.57							-

MONARCH PASS

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
1940													
1941	2.81	2.97	4.61	3.83	3.62	4.82	2.28	2.36	1.62	5.00	2.28	2.34	38.54
1942	2.11	1.53	1.72	3.46	.02	1.20	1.85b	2.50b	.53b	.15	3.87	4.04	22.98
1943	4.83	.90	5.25	.70b	2.05b	2.40b	.60a	.79	4.09	1.82	.09	1.18	24.70
1944	2.04	1.14	3.46	3.82	.35	.86	.68a	.09	.81	.59	.23	1.72	15.79
1945	2.13	1.88	2.91	4.57	.23	1.13	2.20	2.11	.74	.80	.39	1.16	20.25
1951	4.02	3.58	1.74	3.42	.128	.72	.07	.16	.05	.95	1.55	3.43	20.97
1952	4.76	.54	.41	.62	.145	.22	4.75b	1.30a	1.40	.00	2.50	1.60	19.55
1953	3.10	1.50	3.10	3.40	1.60	.40	4.30	1.10	.80	1.80	2.20	4.10	27.40
1954	1.40	1.80	4.30	1.00	1.50	.10	4.10	1.50	2.10	.60	2.00	2.40	22.80
1955	3.00	2.40	1.60	.60	2.80	.00							-

PLATERO DAM

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
1948	6.03	3.25	3.55	2.02	2.45	3.78	4.76	1.89	3.15	2.22	1.09	5.64	39.83
1949	8.45	2.30	2.53	2.75	.36	1.04	4.92	1.34	3.31	2.33	.76	.75	32.84
1950	5.37	4.50	4.51	2.65	.92	.08	2.30	4.68	.29	1.66	3.23	11.53	41.72
1951	8.41	2.64	4.10	2.35	1.44	1.07	4.66	3.96	2.62	.00	7.02	2.84	41

Table 2 continued

Prorated Monthly Precipitation

COLORADO

RABBIT EARS PASS													
Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
1939	4.89	5.55	3.09	4.66	2.15a	1.05b	3.00b	2.40	3.36	2.59	3.43	3.16a	38.76
1940	4.02	4.98	3.93	8.17	3.08	3.30	9.29	4.53	3.00a	-	-	-	-
1941	5.85	3.37	6.58	1.64	4.25	2.75a	5.35a	1.23	5.30	2.85	11.88	-	-
1951	5.85	3.37	6.58	1.64	4.25	2.75a	5.35a	1.23	5.30	2.85	11.88	-	-
1952	5.85	3.37	6.58	1.64	4.25	2.75a	5.35a	1.23	5.30	2.85	11.88	-	-
1953	2.59	2.35	6.06	3.50	2.97	2.70a	6.52	3.66	2.32	3.01	3.73	49.23	-
1954	2.59	2.35	6.06	3.50	2.97	2.70a	6.52	3.66	2.32	3.01	3.73	49.23	-
1955	4.05	5.29	3.63	3.22	4.66	5.40	8.40	5.80	3.80	3.80	3.80	3.80	-

RIO BLANCO													
Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
1948	4.77	.67	2.24	2.09	2.37	3.63	2.53	1.00	3.23	1.22	1.86	2.50	28.63
1949	3.11	1.10	1.59	2.80	1.12	.08	2.35	.83	3.54	.41	1.64	2.60	21.17
1950	1.92	1.68	86	4.42	1.65	2.30	2.98	7.18	.34	3.52	4.49	31.05	-
1951	3.69	1.52	4.72	4.02	2.30	2.30	1.02	4.07	4.07	1.64	1.64	1.64	-
1952	3.22	1.87	3.58	3.13	3.17	1.02	4.07	4.07	1.64	1.64	1.64	1.64	-
1953	3.13	1.85	5.78	2.19	1.90	2.15	2.52	2.28	5.77	3.05	2.35	2.35	-
1954	2.73	2.22	1.07	2.04	2.80	1.70	2.80	1.70	2.80	1.70	2.80	1.70	-
1955													-

SANTA MARIA RESERVOIR													
Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	1951	1952	1953	1954
1941	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30
1942	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30
1943	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30
1944	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30
1945	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30
1946	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30
1947	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30
1948	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30
1949	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30
1950	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30
1951	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30
1952	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30
1953	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30
1954	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30
1955													-

RIO GRANDE RESERVOIR													
Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
1939	1.73	.66	2.63	5.46	2.17	3.45	.69	1.85	7.04	9.11	.42	.80	36.01
1940	.80	2.10	.80	1.25	1.94	.84	1.25	3.01	3.94	2.52	2.70	1.57	22.72
1941	1.73	.66	2.63	5.46	2.17	3.45	.69	1.85	7.04	9.11	.42	.80	36.01
1942	1.73	.66	2.63	5.46	2.17	3.45	.69	1.85	7.04	9.11	.42	.80	36.01
1943	1.73	.66	2.63	5.46	2.17	3.45	.69	1.85	7.04	9.11	.42	.80	36.01
1944	1.16	1.21	3.06	3.02	2.49	2.49	1.27	.01	1.34	1.45	1.60	1.60	18.96
1945	1.30	1.00	1.75	2.05	.30	.45	1.10	1.70	1.03	2.65	.10	.50	13.95
1946	.20	.40	3.65	2.55	1.40	.30	3.55	2.70	.05	3.80	2.05	.30	21.95
1947	.15	1.15	2.00	2.55	1.20	.80	1.15	2.40	3.75	2.40	2.15	.20	24.95
1948	.95	3.10	2.70	1.65	2.65	2.25	1.55	1.00	1.55	1.30	1.70	21.95	-
1949	.64	.30	2.35	2.05	2.65	2.60	1.35	.60	1.65b	1.65b	1.75	21.85	-
1950	1.25	.65	.25	1.80	.00	.90	1.23	2.00	.30	.55	.95	.95	12.58
1951	.40	.15	.30	1.20	.45	.20	.20	.20	.25b	2.20a	.70	.90	20.40
1952	5.50	.50	2.20	1.65	.80	1.10	2.30	2.65	2.35b	2.00	.65	.65	22.20
1953	.45	.40	.45	1.05	1.45	.55	2.80	2.00	.10	4.25	1.30	2.00	15.00
1954	.30	.30	.30	.55	.55	.25	1.60	.70	.20	.20	.20	.20	18.10
1955	1.10	.80	.50	.40	.35	.45	.45	.45	.45	.45	.45	.45	-

SAPINERO 8 E													
Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
1948	1.60	1.60	1.53	.75	.93	2.04	4.59	2.42	.51	.66	.66	.66	1.37
1949	1.56	1.56	1.32	1.11	.50	.57	.48	1.05	.51	.51	.51	.51	1.37
1950	1.65	1.54	.68	.84	.63	.68	.31	.78	.20	.20	.20	.20	1.37
1951	1.65	1.65	1.24	1.82	.84	.85	.31	.78	.20	.20	.20	.20	1.37
1952	1.65	1.65	1.18	.60	.65	.65	.65	.84	.20	.20	.20	.20	1.37
1953	1.65	1.65	1.04	.57	1.04	.32	.18	.80	.20	.20	.20	.20	1.37
1954	.41	.41	1.28	.72	.72	.72	.72	.72	.72	.72	.72	.72	-
1955	.59	.59	.59	.59	.59	.59	.59	.59	.59	.59	.59	.59	-

Table 2 continued

Prorated Monthly Precipitation

COLORADO

14

SILVER LAKE

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
1950								2.50	.84	5.16	2.82	-	
1951	2.30	1.46	2.86	5.06	2.20	3.91	2.38	4.00	1.87	2.42	2.56	4.13	35.15
1952	1.92	1.47	2.06	3.28	2.91	2.35	2.66	4.22	1.11	.36	1.78	1.44	25.56
1953	2.37	2.11	1.06	3.96	3.97	3.38	3.34	2.05	.91	1.10b	3.30	2.13	29.68
1954	.72	.73	2.08	.90	1.42	.47	4.65	2.15	3.24	1.72	1.41	1.35	20.84
1955	.97	1.15	2.97	1.22	4.23	2.66							-

SILVER LAKES TROUT CLUB

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
1941													
1942	.45	1.12	1.80	5.50	-.75	-.94	1.21	-.92b	1.55	.90	1.15	-.60	.68
1943													-
1944	2.05	2.05	3.75	2.65	.90	1.05	1.25	2.35	1.05	2.65	1.20	1.65	22.60
1945	.95	1.30	3.00	2.15	1.05	.35	3.15	3.80	1.15	1.15	1.05	.90	20.00
1946	1.05	.85	2.20	1.85	1.00	.00	4.70	4.35	.90	2.95	3.15	1.20	24.20
1947	2.00	.70	1.25	2.45	1.65	1.15	1.95	4.00	2.90	1.65	.75	1.15	21.60
1948	1.25	4.60	2.90	1.90	1.80	1.50	1.05	1.50	.75	2.65	1.35	2.40	23.65
1949	3.15	1.70	1.85	1.05	1.75	2.70	3.40	1.35	2.25	1.10	.55	2.05	22.90
1950	3.10	.90	.75	.95	.25	1.30	3.90	1.20	1.35	.85	1.10	.21	15.81
1951	1.74	1.30	1.85	1.05	.35	.20	1.40	3.00	.30	.85	1.65	5.90	19.59
1952	4.30	1.35	2.10	1.20	1.80	.55	2.80	4.60	1.55	.00	2.10	.85	23.30
1953	.90	.70	1.30	2.15	1.75	.55	3.20	2.10	.30	1.80	1.65	.90	17.30
1954	1.15	.25	2.15	.50	1.15	.30	3.30	1.65	1.35	.20	1.15	.80	13.95
1955	.90	1.25	.80	2.12	1.83	.50							-

SUMMITVILLE

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
1950										1.80b	2.90	.76	-
1951	5.23	2.68	3.64	2.74	1.31	.23	3.05	6.56	.48	2.88	4.98	13.36	47.15
1952	9.55	3.30	6.38	2.73	2.37	1.35	4.70	8.86	4.02	.00	6.66	2.55	52.47
1953	2.68	1.68	4.14	5.74	3.65	1.42	5.19	3.25	.38	3.84	3.72	1.88	37.57
1954	3.85	.84	5.62	.98	2.55	.56	7.28	5.38	4.18	1.55	2.78	2.57	38.15
1955	3.64	6.40	1.80	5.07	4.75	.79							-

WINTER PARK

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
1940	4.71	2.19	1.99	2.81	2.15	.78	-	-	-	-	1.84	1.60	-
1941	1.10	2.01	3.17	4.60	-	-	1.82	3.05	2.10	2.23	1.30	1.20	-
1942	2.45	2.38	1.60	6.30	2.35	2.75	1.21	.65	.88				-

WOLF CREEK PASS 1 E

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
1941													
1942	1.75	3.60	7.95	9.50	.70b	.90b	2.80b	3.15	3.00	11.23	2.55	4.55	-
1943	8.65	3.85	8.10	1.65	3.45	2.40	3.75	4.60	2.13	5.25	3.70	3.15	50.68
1944	4.60	7.00	9.48	7.75	2.55	2.10	3.00b	1.97	1.70	3.00	5.96	4.00	53.11
1945	2.96	3.00	10.94	6.06	2.30	.75	2.20	1.50	1.20	3.15	1.95	2.68	38.69
1946	1.00	.47	6.10	2.25	3.35	.00	5.40	3.80	1.05	2.85	3.05	1.05	30.37
1947	2.60	.65	2.15	3.40	4.90	3.00	1.75	7.40	4.05	5.20	2.75	.95	38.80
1948	4.15	3.85	3.05	5.14	1.90	4.35							-

WOLF CREEK PASS 4 W

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
1948	12.68	5.60	5.37	3.21	5.24	5.94	5.11	1.58	5.18	2.59	2.88	7.44	62.82
1949	9.10	5.45	3.09	3.06	.52	1.43	5.95	1.93	4.57	1.63	4.33	1.34	42.40
1950													
1951	8.54	3.06	3.88	4.02	2.40	.00	3.66	7.22	.36	4.64	7.59	16.50	61.87
1952	11.57	4.33	9.74	3.40	.70	1.79	2.83	7.56	5.25	.00	10.12	3.76	61.05
1953	3.92	2.00	6.32	7.62	3.65	1.85	4.57	2.62	.17	5.00	5.11	2.39	45.22
1954	6.86	1.50	8.68	1.15	3.43	.50	6.09	7.23	5.38	3.02	2.71	3.40	49.95
1955	6.98	11.02	1.57	4.87	5.10	.14							-

Table 2 continued

Prorated Monthly Precipitation

NEW MEXICO

AGUA PIEDRA LODGE

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
1950										.00	.59	.36	-
1951	1.07	.50	1.02	.30	1.44	.15	1.30	2.57	.00	1.13	1.66	3.32	14.46
1952	2.05	.90	1.20	2.30	-	-	-	-	-	.18	2.25	1.02	-
1953	.33	1.06	1.09	1.56	4.49	1.68	2.28	.95	.15	1.74	1.82	1.17	18.32
1954	1.63	.50	1.66	.00	2.01	1.00	4.30	2.75	.75	1.05	.15	.52	16.32
1955	.48	1.50	.15	2.62	10.00	.55							-

ASBEN GROVE RANCH

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
1949													
1950	1.35b	.75b	1.20b	.86	.15b	1.75b	1.90a	.29	2.25b	.90	.50	.85b	-
									3.00	.05	.33	.67	12.30
1951	2.62	.63	1.94	1.48	2.03	.00	1.58	3.82	.06	1.44	2.30	6.10	24.00
1952	3.50	.60	2.00	1.70	1.73	1.07	2.64	2.61	1.05	.05	2.95	.80	20.70
1953	1.20	.90	1.40	2.05	1.54	.75b	3.35b	.75b	1.25	1.70	1.95	1.53	18.37
1954	1.07	.20	3.60	.10	2.90	1.36	2.75	1.04	1.05	.10	.30	1.30	15.77
1955	.71	1.39	.10	1.90	3.70	.00							-

CAPILLO PEAK

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
1942											.00	4.82	-
1943	.82	.81	1.95	-	-	-	-	-	-	-	-	-	-
1946	-	-	-	.75a	.67	.25	4.25	4.40	1.90	2.65a	-	-	-
1947	-	-	-	-	-	-	-	-	-	-	-	-	-
1948	-	-	-	-	-	-	.81	1.05	-	-	-	-	-
1949	-	-	-	-	-	1.02	5.15	2.10	3.18	.45	.13	.98	-
1950	.36	.65	.26	.24	.59	.76	7.08	2.75	4.35	.12	.08	.00	17.24
1951	1.36	.30	.85	.63	.56	.10	2.30	3.75	.50	.80	1.08	2.03	14.26
1952	.53	1.06	2.04	1.59	1.39	2.10	4.58	1.93	1.70	.00	1.98	1.33	20.23
1953	.19	1.93	1.20	1.12	.94	2.83	2.85	1.44	.17	-	-	-	-
1954	-	-	-	-	-	-	3.33	3.09	2.27	1.47	.19	1.50	-
1955	1.14	.62	.08	.37	1.93	.75							-

CARITAN CREST

CARRISSA LOOKOUT

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
1942											.00	4.87	-
1943	1.45	.19	2.73	-	-	.84	2.65	5.50	2.75	2.07	1.62	1.08	3.14
1944	2.02	1.79	.56	.70	1.14	.84	2.65	5.50	2.75	2.07	1.62	1.10	22.74
1945	3.10	.41	1.94	.15	.00	.15	4.05	4.45	2.75	2.75	.00	1.10	20.85
1946	3.26	.39	1.40	.30	1.02	1.43	2.70	3.62	6.63	1.80	.50	1.06	24.11
1947	1.89	.52	1.43	.50	1.90	.75	1.45	2.95	.70	1.05	4.90	2.05	22.09
1948	1.30	2.65	1.65	.65	.85	1.85	5.22	3.36	.81	1.71	.05	3.80	23.80
1949	6.55	.95	.45	1.34	.10	2.41	6.65	3.85	4.37	2.68	.05	3.10	32.50
1950	.90	1.17	.18	.10	.00	2.10	7.65	1.60	5.85	.55	.00	.00	20.10
1951	.85	1.20	2.88	1.02	.82	.48	1.85	1.98	1.02	1.40	2.55	2.75	18.80
1952	.20	1.17	3.73	3.10	1.19	5.56	3.35	4.17	1.13	.00	2.33	1.07	27.00
1953	.28	1.44	.98	3.40	1.05	1.55	3.30	5.73	.32	1.25	.15	1.63	21.08
1954	1.00	.22	1.00	.18	1.47	2.05	1.60	5.85	3.60	2.15	.00	.60	19.72
1955	2.82	.53	1.55	.00	.25	.70							

CEDAR CREEK SKI COURSE

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
1942		1.46	.39	3.90	.02	1.71	3.70	9.37	2.54	2.90	.00	3.46	-
1943	1.42	.04	2.25	.54	1.45	3.50	4.22	1.00	.95	1.55	1.40	1.98	20.30
1944	3.15	1.00	.30	.61	1.10	1.90	4.75	5.25	3.90	.84	1.23	1.51	25.54
1945	.97	.30	1.90	-	-	-	-	-	1.60	-	1.60	-	-
1946	2.65	.28	2.25	.80	1.20	2.00	5.10	5.55	2.65	1.15	1.02	4.75	29.40
1947	1.30	.48	.75	.85	-	-	-	-	-	-	-	-	-
1948	-	-	-	-	-	-	-	-	-	-	-	-	-
1949	-	-	-	-	-	-	-	-	-	1.30a	.10	1.38	-
1950	.25	.18	.05	.10	.05	1.45	5.55	1.40	3.65	.36	.00	.00	13.04
1951	1.00	1.00	2.00	1.45	.35	.25	3.10	6.05	.75	1.65	1.00	2.83	21.43
1952	1.10	1.48	3.40	2.03	.30	3.80	6.35a	4.90b	1.15b	.00b	2.10	1.68	28.29
1953	.31	2.35	1.75	1.24	.95	1.75	7.05	4.00	.70	1.23	.62	1.50	23.45
1954	1.10	.05	1.50	.18	4.00	.96	3.95	5.35	4.10	1.89	.02	.20	23.30
1955	1.12	.30	1.69	.79	.48	.85	-	-	-	-	-	-	-

CLOUDCROFT N.

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
1942	.70b	1.80	.90	4.61	.03	.60	4.72	6.75	4.25	2.90	.00	5.15	32.41
1943	.70	.35	1.82	.00	.93	5.65	7.53	3.20b	1.40b	1.19	1.04	2.94	26.75
1944	2.50	2.28	.67	1.53	.59	1.37	6.92	3.55	2.81	.77	2.29	1.04	26.32
1945	1.65	.73	1.85	.16	.00	.37	5.78	6.61	.77	1.08	.00	1.34	20.44
1946	3.33	.37	2.73	.60	1.44	.76	5.92	2.40	1.62	1.41	1.00	1.50	23.08
1947	1.00	.65	.70	.45	1.00	.46	—	3.75	—	—	—	—	—
1948	—	—	—	—	2.48	2.10	3.75	3.70	.70	2.00	.04	5.00	—
1949	—	—	—	—	.15	3.50	6.75	5.65	3.40	3.15	.20	2.50	—
1950	.90	—	—	.06	—	T	3.15	10.30	1.00	2.90	2.00	.00	—
1951	1.42	1.31	2.80	1.55	—	—	—	—	—	2.55b	1.18	1.95	—
1952	.42	1.07	1.95	1.93	.55	4.58	5.59	5.59	1.23	.00	1.01	.85	24.77
1953	.10	2.85	1.55	—	—	—	—	—	—	.77	.48	1.74	—
1954	1.09	.19	1.40	.00	8.00	2.31	4.63	7.35	2.36	1.32	.00	.40	21.85
1955	.29	.47	1.20	.00	.70	.85	—	—	—	—	—	—	—

NEW MEXICO

Table 2 continued

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Prorated Monthly Precipitation

COWLES 1 SE

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
1950										.42	.13	.40	-
1951	2.10	.94	1.59	1.20	1.45	.35	5.05	5.57	.06	1.98	1.20	2.70	24.19
1952	2.60	1.00	1.83	2.26	1.39	1.15	3.27	5.57	.00	2.55	.68		24.84
1953	.60	1.06	1.21	.92	3.20	1.61	3.62	2.47	.76	2.21	3.12	.52	21.30
1954	1.43	.18	2.37	.12	1.85	1.40	3.75	3.26	1.73	1.27	.08	.45	17.89
1955	1.35	1.70	.65	1.40	3.25	.07							-

ELK CABIN

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
1946	1.95	1.00	3.40	-	-	-	-	-	.30	1.90	.25		-
1947	1.25	1.00	1.25	.75	3.25	.75	.40	1.80	.20	3.00	.00	.90	16.55
1948	.00	3.80	2.50	.75	1.55	1.00	.80	1.75	1.00	2.50	.50	1.25	17.40
1949	2.25	.25	.00	2.75	.75	1.50	4.25	2.25	1.00	1.50	.00	1.00	17.50
1950	1.75	.50	.12	.25	.00	2.00	3.50	1.65b	1.50	.50b	.00	.00	13.15
1951	.50	1.75	1.25	2.00	2.50	.00	2.50	5.50	.50	1.00	1.00	2.50	21.00
1952	2.50	2.00	1.50	2.00	.75	6.0b	1.50	3.50	.30	0.00	1.25	1.75	17.65
1953	1.00	1.00	1.60	1.25	2.25	.75	5.00	1.25	.00	1.25	2.55	1.20	19.00
1954	.75	.00	4.50	.00	2.75	4.00	4.50	3.00	1.00	1.00	.15	.35	22.00
1955	1.50	1.00	1.00	1.10	2.90	.00							-

GALLINAS CANYON

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
1944													-
1945	1.54	.34	.88	3.25	.60	1.80	1.92	5.08	2.60	.55	.05	.75	19.36
1946	.95	.71	2.82	.63	.97	.05	5.66	4.11	3.50	1.97	2.77	.09	24.23
1947	.14	.46	-	-	-	-	2.67	4.42	.81	1.45	1.28	1.60	-
1948	1.22	3.88	1.99	.06	3.77	3.30	2.40	3.50	1.10	4.45	.57	.80	27.04
1949	3.32	1.23	1.13	2.50	2.05	-	-	-	"	"	-	-	-
1950	-	-	-	-	-	-	-	-	-	-	-	-	-
1951	-	-	-	-	-	-	-	-	-	1.49	1.22	2.33	-
1952	1.60	1.05	1.88	1.90	1.05	.17	3.75	4.30	2.05	.00	1.14	.89	19.78
1953	.43	1.05	1.08	.35	2.70	1.60	2.72	3.43	.30	1.51	3.82	.25	19.24
1954	1.15	.13	1.35	.04	2.05	1.25	2.56	2.55	2.62	1.89	.60	.95	17.14
1955	1.17	.82	.68	2.33	4.65	.15							-

HARVEYS UPPER RANCH

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
1944													-
1945	2.20	.50	1.25	4.62	.85	2.35	2.50	6.60	3.40	.70	2.60	2.00	26.44
1946	1.80	1.35	5.35	1.20	1.15	.05	6.64	4.10	3.50	2.00	3.50a	.25b	29.89
1947	.50b	.95	1.50	.30	3.35	.55	5.53	4.78	.87	1.57	1.57	1.97	23.44
1948	1.50	4.70	2.45	.75	4.00	4.05	2.30	3.50	1.20	4.00	.62	1.15	30.22
1949	4.80	1.80	1.65	3.60	3.00	-	-	-	-	-	-	-	-
1950	-	-	-	-	-	-	-	-	-	-	-	-	-
1951	-	-	-	-	-	-	-	-	-	-	3.40	-	-
1952	2.35	1.50	2.72	2.75	1.55	.25	5.35	6.36	3.05	.00	1.99	1.65	29.52
1953	.80	1.95	2.00	.65	5.00	3.00	5.05	6.40	.60	2.07	5.15	.35	33.02
1954	1.55	.18	1.82	.05	2.75	1.70	3.45	3.45	2.92	2.00	1.20	1.85	22.92
1955	2.30	1.60	1.35	4.65	9.07	.25							-

MONJEAU LOOKOUT

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
1942													-
1943	1.15	.00	1.68	.29	1.04	1.66	1.55	.05	.78	1.95	.83	.00	3.67
1944	2.30	.88	.19	.80	1.40	1.62	3.83a	-	-	.51a	1.98	1.79	-
1945	1.26	.04	1.55	-	-	-	-	-	-	1.10a	.00	1.15	-
1946	3.73	.38	2.00	.79a	-	-	-	-	-	-	1.48	2.05	-
1947	1.60	.68	1.04	-	-	-	-	-	-	-	2.25a	1.98	-
1948	.75	4.03	1.98	.93	-	-	-	-	-	-	-	-	-
1952	-	-	-	-	-	-	-	-	-	-	-	-	-
1953	.32	1.53	2.08	.95	.74	2.43	7.57	3.65	.91	1.12	1.00	1.76	24.06
1954	.92	.21	2.16	.32	5.05	.78	4.01	4.29	3.75	1.67	.80	.65	24.61
1955	1.92	.87	3.61	.03	.08	1.08							-

SANDIA SKI COURSE

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
1942	1.55	2.50	.95	-	-	-	-	-	-	1.90	.15	8.85	-
1943	.88b	1.87	3.45	.30	3.39	1.31	2.40	2.30	2.00	1.85	.75	2.97	23.44
1944	1.03	1.60	3.35	2.15	7.5b	1.05	5.47	4.13	2.05	.70	2.75	3.50	28.53
1945	2.30	1.29	1.81	3.35	.00	.24	2.41	5.84	1.66	1.55	.00	2.85a	23.30
1946	2.15	1.05	1.65	1.25	1.10	.50	2.85	7.35	1.35	1.65	5.60	1.09	27.59
1947	.54	.57	.70	1.20	-	-	-	-	-	1.63	.52	2.26	-
1948	1.32	3.59	3.69	90b	1.10b	1.14b	.78	1.02	.76	1.43	.97	.80	17.50
1949	3.17	1.38	1.80	2.60	.92	.40	5.72	3.08	2.48	.45b	.15b	1.80	23.95
1950	2.90	1.67	.35	.43	.57	1.95a	-	-	-	.02	.00	.00	-
1951	3.32	.78	-	-	-	-	-	-	-	.06	1.45	1.70	3.45
1952	1.98	2.60	4.52	3.22	1.34	1.11	2.00	2.35	.97	.00	-	-	-
1953	-	-	-	-	-	-	-	-	1.95	.06	.88	1.92	1.34
1954	1.22	.13	1.63	.02	1.42	1.31	3.35	2.60	1.26	.74	.40	.82	14.90
1955	1.70	2.20	.25	.40	1.88	.70							-

TAOS CANYON

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
1937													-
1938	.54	1.09	1.73	1.39	-	-	-	-	-	-	.33	.52	-
1939	1.70	.41	.69	2.33	-	-	-	-	-	-	.95	.84	-
1940	1.36	1.16	.74	-	-	-	-	-	-	-	.33	.42	-
1941	1.32	1.42	3.34	-	-	-	-	4.30	1.73	2.00	3.80	.44	1.67
1942	.45	1.00	1.55	-	-	-	-	-	-	-	-	1.90	-
1943	.96	.94	1.54	-	-	-	-	-	-	-	-	-	-
1944	-	-	-	3.65	1.90	.65	2.48	4.67	-	-	2.93	2.05	-
1945	1.50	.75	2.78	2.43	.87	.64	-	-	-	-	-	-	-
1946	-	-	-	-	-	-	-	3.40	1.55	3.30	.05	2.65	2.23
1947	.90	1.60	1.45	-	-	-	-	-	-	-	1.80	.50	-
1948</td													

Table 2 continued

Prorated Monthly Precipitation

NEW MEXICO

VAQUEROS

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Annual
1948													
1949	2.95	1.20	1.05	1.35	1.33	2.40	2.10	.75	.96	1.20	.75	.85	16.89
1950	1.44	1.12	.77	.66	.05	.40	.82	.10	.65	.03	.80	.60	7.44
1951	2.10	1.20	.78	2.25	1.07	.01	.22	.73	.04	.20	.51	2.10	11.21
1952	1.65	.46	.68	1.01	.26	.60	.57	1.45	1.30	.00	3.03	.79	11.80
1953	.78	.54	.92	1.27	1.06	.74	2.55	1.60	.00	2.34	.79	1.88	14.47
1954	1.06	.45	3.45	.20	1.95	.38	2.40	1.50	2.29	.15	.43	.86	15.12
1955	1.51	3.15	.27	1.52	1.10	.27							-

WIRT

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Annual
1948													
1949	7.35	3.11	2.60	3.60	2.92	3.30b	3.95b	2.20b	2.80	2.20	.87	1.03	35.93
1950	2.33	1.20	1.49	.61	.26	1.79	1.98	.41	2.72	.21	.60b	.95b	14.35
1951	-	-	-	-	-	.00	.92	4.61	.26	1.31	.68	2.65	-
1952	1.92	.28	.49	1.26	.40	.66	.80	1.86	1.21	.00	2.87	.70	12.45
1953	.85	.44	.89	1.15	.82	.40	3.35	1.19	.06	3.05	1.46	1.95	15.61
1954	1.45	.32	3.77	.28	2.68	.60	3.00	2.22	2.65	.57	.60	.55	18.69
1955	1.26	3.18	.46	1.64	.85	.10							-

WILLOW CREEK RS

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Annual
1946													
1947	.60	.33	.10	.12	-	-	-	-	-	-	1.32	-	-
1948	-	-	-	-	-	-	-	-	-	2.64	.00	4.59	-
1949	5.57	.89	1.77	1.05	T	-	-	-	-	2.03	.85	4.86	-
1950	.97	1.64	1.00	.07	T	-	-	-	-	-	.02	.17	-
1951	2.12	1.48	1.38	2.05	.43	.00	-	-	-	-	-	-	-
1952	-	-	-	-	-	4.59	3.65	1.29	.00	1.93	.60	-	-
1953	.07	1.84	3.55	1.69	.29	1.01	3.39	2.31	.02	.87	1.73	.60	17.37
1954	2.22	.79	9.64	.69	.76	.41	4.43	6.20	1.55	1.10	T	.30	28.09
1955	2.82	.60	.16	.23	1.76	.90							-

REFERENCE NOTES

Precipitation measurements in this bulletin are in inches.

Reference symbols are used as follow:

- * An asterisk used in date column in conjunction with month indicates measurement made near end of month--exact day not known. (Table 1)
- No record.
- T Trace, amount too small to measure.
- a Monthly amount estimated in part. (Table 2)
- b Monthly amount estimated in full. (Table 2)
- c Monthly precipitation total taken from the record of regular climatological station at same site. (Table 2)

Station Description and History

Storage precipitation stations

Index number	Station	County	Type of gauge, height of tower or gauge	Period of record		Remarks
				From	To	
Aztec Peak	G11a	Greenlee	7700 1 gage, 8x24", 8' tower	Nov 1951		In clearing 100 feet across.
Beverhead Lodge	0371	33 49 110 54	7700 1 gage, 8x24", 10' towers	Nov 1938	Dec 1941	In flat valley, about 2 miles wide, steep wooded hills. Gages No. 3, 4, and 5 removed Dec 12, 1941. Records in this bulletin from Gage No. 2, designated as official.
Bonita Creek No. 2	0375	33 41 109 13	8000 6 gauges, 8x24", 10' towers	Dec 1941		On rock shelf 150 feet above Bonita Creek. Desert area with shale-covered hills. Drainage to ESE.
Camp Wood	0904	32 54 109 29	3280 1 gage, 8x24", 8' tower	Apr 1956		In small valley with pine-covered hills all directions. Standard rain gage installed Mar 1950 and continued after storm or removed. Records comparable. Monthly amounts published in "Bulletin W Supplement" for period to Feb 1950.
CCC Camp F-28A	none	35 10 112 10	7000 unknown	Dec 1941	Sep 1944	In clearing in pine forest, mountain valley.
Corn Creek	2122	33 45 109 45	7730 1 gage, 8x24", 8' tower	Oct 1955		Mountainous, pine-timbered. On E-W ridge, gentle downslope to N.
Fluted Rock	3062	35 53 109 15	7880 1 gage, 8x24", 6' tower	Oct 1951		Mountain meadow in rolling timbered country. Gradual downslope toward SW.
Fort Valley	3160	35 26 111 44	7340 5 gauges, 8x24", 8' towers	Nov 1938	Sep 1948	Gages No. 1, 2, 4 and 5 removed Nov 10, 1948. Record in this bulletin from gage No. 3. Climax record within 1/2 mile.
Four Peaks	3193	33 43 111 20	4500 1 gage, 8x24", 8' tower	Nov 1948		On ridge in a small opening among oak and pine. Records missing for 1951-52 and 1956-57.
Frazier Well 4 NE	3237	35 50 113 02	6700 1 gage, 8x24", 5' tower	Jun 1952		Rolling forested land. Moved 800 feet NW.
Greer Lakes	3688	34 02 109 27	8500 2 gauges, 8x24", 10' towers	Oct 1950		Large flat area with Greer Lake 200 yards E. Heavily wooded. Mountains E, W and S. Gages 16' yards apart. No. 2 selected as official gage and published in this bulletin. About 1 and 1/2 miles from Greer (precip. only) station.
Hanigan Meadows	3820	33 38 109 19	9030 1 gage, 8x24", 10' tower	Sep 1956		Heavily timbered, mountainous. In clearing 20-300 yards from trees. Gentle downslope N.
Hoppy Jack RS	3828	34 44 111 25	7480 1 gage, 8x24", 10' tower	Nov 1954		In clearing among pines on rolling hills.
Horner RS	3858	34 25 110 36	6484 5 gauges, 8x24", 10' towers	Sep 1940	Oct 1941	Mountainous, covered with pine forest. Gages No. 1, 2, and 3 removed Oct 1941. Gages in this bulletin from No. 4. Closed Jun 1950, continued as a climate station.
Henry's Camp	none	33 49 109 48	5600 5 gauges, 8x24", 10' towers	Oct 1941	Jun 1950	Generally mountainous and timbered on East Fork of White River. Average of 5 EEs published in this bulletin.
Indian Gardens	4307	34 19 111 06	5440 5 gauges, 8x24", 10' towers	Nov 1938	Jul 1954	Small valley under Mogollon Rim, 3 miles SW Promontory Butte. Gages No. 3 and 5 removed Oct 1939. No. 4 removed Dec 1941, No. 1 removed Jul 23, 1954. Records in this bulletin from No. 2.
Inner Basin	4327	35 20 111 39	9830 2 gauges, 8x36", 10' towers	Oct 1942		In basin formed by 4 San Francisco Peaks, Valley 1/2 mile wide, slopes down NE.
Lakeside RS	4779	34 10 109 59	6700 1 gage, 8x24", 8' tower	May 1946	Feb 1950	Standard rain gage installed Jan 1949 same site. Other climate records prior to 1933. One hundred feet W of Ranger Station.
Little Wildcat	5008	34 19 110 46	7600 1 gage, 8x24", 10' tower	Oct 1953		Mountain valley - on level plateau. Same site as an SCS snow survey course.
Long Valley RS	5054	34 31 111 20	6949 5 gauges, 8x24", 10' towers	Nov 1938	Jun 1951	Mountain valley on level plateau. Gages No. 2 and 3 removed Oct 1939, No. 5 removed Oct 1941. Records used in this bulletin from Gage No. 1. Gage No. 4 removed Jun 1951.
Marshal Butte	5283	33 50 109 42	8070 1 gage, 8x24", 8' tower	Oct 1955		On a steep slope on ridge in mountainous pine-timbered area.
Marsh Pass	5888	36 37 110 28	6575 1 gage, 8x24", 6' tower	Jul 1952	Apr 1956	Semi-arid, mountain pass with some pine. Gage was stolen in Apr 1956 and station closed.
Maverick Fork	5316	33 55 109 27	9050 1 gage, 8x24", 10' tower	Oct 1953		Thickly wooded mountain plateau. Same site as a SCS snow survey course.
Mingus Mountain Lookout	5467	34 42 112 08	7650 1 gage, 8x24", 10' tower	Dec 1941	Oct 1945	Top of Mingus Mountain. Sharp drop 1/2 mile E.
Mormon Lake RS	5708	34 55 111 27	7000 2 gauges, 8x24", 10' towers	Oct 1945		Flat mountain pass on S shore of lake. Was originally at Tombler Lodge, 1 and 4/5 miles W from Oct 1939 to Oct 1945. Standard rain gage at same site read during summer months. Records published in this bulletin from Gage No. 2.
Mount Baldy	5728	33 54 109 34	11,200 1 gage, 8x40", 15' tower	Oct 1942		On Mt. Baldy just below summit on SW slope.

Appendix (continued)

Station Description and History
Storage precipitation stations

ARIZONA

Index number	County	Station	Latitude-N. (deg. & min.)	Longitude-W. (deg. & min.)	Elevation (ft)	Type of gage; height of tower or gage	Period of record		Remarks
							From	To	
5730	Graham	Mount Graham Cunningham Ridge	32 41	109 54	8900	1 gage, 8x24", 10' tower	Jul 1940		Mountainous.
5736	Gila	Mount Ord Lookout	33 54	111 24	7155	1 gage, 8x24", 6' tower	Dec 1941	Sep 1942	Top peak in Mazatzal Mountains. Very rugged, slightly timbered.
5752	Yavapai	Mount Union	34 25	112 24	7970	1 gage, 8x24", 10' tower	Sep 1942		On highest peak of range.
5958	Cochise	North Rim Checking Station	36 20	112 07	8780	1 gage, 8x24", 10' tower (unshielded)	Jun 1950	Oct 1950	Level valley, wooded.
6162	Gila	O. W. Ranch	37 10	110 48	7200	1 gage, 8x24", 10' tower	Oct 1950		Shield added Oct 1950.
none	Navajo	Pintop	34 07	109 56	7200	3 gauges, 8x24", 10' towers 2 gauges, 8x24", 10'	Oct 1939	Sep 1942	Rugged mountain terrain. Only one gage Dec 1941 to Sep 1942. Records in this bulletin from Gage No. 2.
none	Graham	Point of Pines	33 23	109 44	6890	3 gauges, 8x24", 1 gage, 8x24"	Nov 1941	Nov 1945	In wooded area. Three gauges removed Nov 1941. Records in this bulletin are average of 5 gauges and 2 gages. Station closed.
7270	Apache	Roof Butte	36 28	109 09	8440	1 gage, 8x24", 10' tower (unshielded)	Oct 1951		In open park. Timbered mountains. Gage was originally shielded but shield was destroyed between May 1932 and Aug 1935.
7342	Cochise	Rustlers Park	31 54	109 17	8400	1 gage, 8x24", 10' tower	Jan 1942		High mountain park surrounded by timber.
7440	Apache	St. Michaels 6 NW	35 40	109 12	7640	1 gage, 8x24", 10' tower (unshielded)	Oct 1951		Timbered plateau - slightly rolling. Gage originally shielded but shield was destroyed during winter of 1953.
7825	Apache	Sheep Crossing	33 59	109 30	9125	1 gage, 8x24", 10' tower	Oct 1953		Mountain plateau, heavily wooded with pine. Same site as an SCS snow survey course.
none	Apache	Sheep Springs	34 03	109 33	8500	5 gauges, 8x24"	Nov 1938	Oct 1941	In open meadow. White Mountains to N. Station closed. Average of 5 gauges used for observed data.
8004	Cochise	Snow Bowl	35 20	111 42	9500	1 gage, 8x24", 10' tower	Dec 1941	Sep 1953	In clearing surrounded by dense aspens. On W slope San Francisco Mountains. Moved 1/4 mile E Jul 1935. Heavily timbered, mountainous. Higher mountains to S and E, steep slope down to valley N and W.
none	Cochise	Tombler's Lodge	34 56	111 28	7000	3 gauges, 8x24", 10' towers	Oct 1939	Oct 1945	Two gauges moved to Mormon Lakes RS Oct 1945.1 and 4.5 miles E. Three gauges at same site Oct 1939 to Dec 1941. Two gauges Jan 1942 to Oct 1945.
Whiskey Creek, N. Mex.									
none	Navajo	Walford	34 22	110 38	7500	1 gage, 8x24", 10' tower	Nov 1938	Jul 1940	No history information available.
9387	Apache	Williams Creek Fish Hatchery	34 03	109 49	6900	6 gauges, 8x24", 10' towers 1 gage, 8x24", 10'	Sep 1940	Aug 1954	Shallow mountain meadow, timbered all sides. Gages No. 2, 3, and 4 removed Dec 31, 1941. Gage No. 5 removed Aug 1954.
9535	Gila	Workman Creek No. 2	33 49	110 55	6970	5 gauges, 8x24", 10' towers 1 gage, 8x24", 10' tower	Nov 1938	Dec 1951	High mountain valley surrounded by mountains. Gages No. 3, 4, and 5 removed Dec 1946. Gage No. 1 removed Dec 1957. Record 1958-1959. This bulletin from gage No. 2. Recording rain gage installed 200 yards E Oct 1, 1940, designated as Workman No. 1.
9572	Yavapai	Yeager Canyon	34 41	112 10	6000	1 gage, 8x24", 3' tower (unshielded)	Jul 1948		N slope of brush-covered canyon, mountainous, forested. Standard rain gage at same site Dec 1947 to Jun 1948.

NOTE: All gauges shielded except as otherwise noted.

Appendix (continued)

Station Description and History

COLORADO

Station number	Station	County	Storage precipitation stations				Remarks
			Latitude N. (deg. & min.)	Longitude W. (deg. & min.)	Elevation (feet, m.)	Type of gage; height of tower or gage	
							From
Aspen	Pitkin	0370	39 12	106 50	7913	2 gages, 8x24", 8' and 10' towers	
Callin Ranch	Pueblo	none	38 10	105 02	6500	Unknown	Installed Dec 6, 1939. Removed Jul 2, 1942. No records available. Climat station same site.
Cochran	Hinsdale	none	37 43	107 21	9695	1 gage, 8x24", 10' tower	Storage gage moved from San Isabel Jun 1944. Changed to climat station Aug 1944. Records available Aug 1944 to Jul 1945 but not published in this bulletin.
Columbine	Rout	1792	40 51	106 38	8659	1 gage, 17' standpipe	Moved from Rio Grande Reservoir to 6 miles W. Few fragmentary records but not published in this bulletin.
Crested Butte	Gunnison	1959	38 52	106 58	8950	2 gages, 8x24", 8' towers	Mountain pass. Climat station (precip. only) in Columbine (Oct 1949 to Jul 1949) and 4 and 1/2 miles N (Aug 1946 to Jul 1949). Shaded storage gage on 10-foot tower at site 4 and 1/2 miles N (Oct 1942 to Jul 1943) but no records available.
Cumbres	Conejos	2048	37 01	106 27	10,015	3 gages, 8x24", 20' towers	Installed Nov 1939. Removed Oct 1941. No records available. Climat station same site.
Doddman Hill	Larimer	2122	40 48	105 47	10,200	1 gage, 8x24", 8' tower	Three gages Nov 1940 to May 1941; 1 gage (SW) May 1941 to Jan 1947. Record similar to those published for climat station same site and are not published in this bulletin. No precipitation records from climat station Feb to Sep 1947. Climat station closed Sep 1951.
Dillon 1 S	Summit	2281	39 38	106 04	8790	3 gages, 8x24", 8' towers	Storage gage only. Not shielded prior to Oct 23, 1958. Exposure appears not satisfactory. Precipitation amounts are consistently low and are not comparable with earlier records.
Fairplay	Park	2814	39 14	106 00	8900	1 gage, 8x24", 8' tower	Sloping ground, partly wooded. Services changed to climat (precip. only) Sep 1954. Same gage read daily and published in Climatological Data Bulletin.
Grand	Grand	3496	40 16	105 49	8576	3 gages, 8x24", 10' towers	7 Mountainous area. Records published in this bulletin from gage No. 1.
Grand Lake 1 N	-	-	-	-	1	gage, 8x24", 10' tower	Two gages removed Oct 21, 1941. Gage No. 1 continues to present. Climat station same site. No separate storage gage records since Feb 1942. Records for Dec 1939 to Sep 1940 from site 1 mile N of Dillon.
Green Mountain Dam	Summit	3592	39 53	106 20	7760	1 gage, 8x24", 10' tower	Oct 1942 Sloping ground, partly wooded. Services changed to climat (precip. only) Sep 1954. Same gage read daily and published in Climatological Data Bulletin.
Hermit (nr.)	Mineral	3951	37 41	107 02	8912	5 gages, 8x24", 8' towers	Narrow river canyon. Climat station same site.
Loudville No. 2	Lake	none	39 15	106 18	10,158	2 gages, 8x24", 10' towers	Valley of the Rio Grande River. Paw trees. One gage only after Apr 1941. Winter storage gage records available but not published in this bulletin. Climat station same site.
Loudville 10 NW	Lake	4886	39 17	106 28	11,000	1 gage, 17' standpipe	Open hillside near old shelter duplex. One-half mile S of Loudville Post Office. Record doubtful and not published in this bulletin. Shielded recording rain gauge on 10-foot tower same location but moved Jun 25, 1948.
Little Dolores	Mesa	5040	38 56	108 51	6700	1 gage, 8x24", ground exposure, (unshielded)	High mountains near Continental Divide. Records Aug 1942 to Nov 1950 published in Climatological Data Bulletin.
Longs Peak	Larimer	5141	40 17	105 34	9000	1 gage, 17' standpipe	Foot of Longs Peak. Heavy forest. Climat station same site closed 1948. Records not comparable.
Meeker 10 NW	Rio Blanco	5489	40 03	108 00	6500	1 gage, 8x24", 8' tower	Rolling farm and pasture land. Records available Oct 1941 to Sep 1942 but not published in this bulletin. Formerly called Meeker (nr.). Climat station same site.
Mesa Lakes	Mesa	none	39 02	108 06	10,100	2 gages, 8x24", 15' towers	In use Nov 1939 to Sep 1941. No records available.
Monarch Pass	Chaffee	5696	38 31	106 22	11,302	3 gages, 8x24", 10' towers	On Continental Divide near U.S. Highway No. 50. Records published in this bulletin from gage No. 2. Gage No. 3 cloned Oct 1941. Gages No. 1 and 2 closed Sep 1942.
					1	gage, 8x24", 20' tower	New range on higher tower installed in No. 2 location.

Appendix (continued)

Station Description and History
Storage precipitation stations

COLORADO

Station	County	Index number	Elevation (feet, above m.)	Type of gage; height of tower or gage	Period of record		Remarks	
					From	To		
Mule Shoe Lodge	Huerfano	5619	37 35	105 10	9000 2 gages, 8x24", 15' towers	Sep 1939	May 1942	In open valley running N-S. Ridges E-W. Gage No. 2 removed Nov 3, 1941. Records in this bulletin from gage No. 1. Recording rain gauge at nearby site continues records.
Platoro Dam	Conejos	6559	37 21	106 30	9887 1 gage, 17' standpipe	Sep 1948	Sep 1941	Six-hundred yards below dam in narrow mountain valley opening into widor valley E and S. Climat station 1 mile E.
Rabbit Ears Pass	Routt	6511	40 23	106 36	Unknown 2 gages, 8x24", 10' towers	Dec 1939	Sep 1941	Records published in this bulletin from gage No. 2.
Rico	Bolores	7017	37 41	106 43	930 1 gage, 17' standpipe	Aug 1951		Open area in forested mountain region.
Rio Blanco	Rio Blanco	7045	39 45	107 57	7200 1 gage, 17' standpipe	Sep 1948	Sep 1941	Narrow mountain valley. Shielded storage gage installed Dec 1941. Standard rain gage at same site but was removed Nov 1942 and shielded storage gage used thereafter for daily measurements. All records published in Climatological Data Bulletins.
Rio Grande Reservoir	Hinsdale	7050	37 43	107 16	9495 3 gages, 8x24", 10' towers	Sep 1939	May 1941	Rough mountainous country, ridges running N-S.
River Springs RS	Conejos	7094	37 05	106 16	1 gage, 8x24", 10' tower	May 1941	Nov 1942	Narrow mountain valley of Rio Grande.
San Isabel	Custer	none	37 59	105 03	8562 2 gages, 8x24", 10' towers	Sep 1941	Nov 1942	Gages No. 2 and 3 removed May 1, 1941. Records in this bulletin from gage No. 1.
Santa Maria Reservoir	Mineral	7450	37 48	107 07	9706 3 gages, 8x24", 10' towers	Aug 1946	Sep 1946	Narrow forested Conjunto River Valley.
Sapinero 8 E	Gunnison	7455	38 28	107 10	7800 1 gage, 17' standpipe	Sep 1948	Sep 1941	Gage No. 2 removed Nov 1941 to Nov 1942. Records in this bulletin from gage No. 1.
Silver Lake	Boulder	7648	40 02	105 35	10,200 1 gage, 8x24", ground exposure (unshielded)	Sep 1950	Sep 1941	Rugged mountain terrain, near large reservoir. Record prior to Sep 1950 in Bulletin W and Bulletin W Supplement.
Silver Lakes Trout Club	Conejos	7650	37 23	106 24	9300 1 gage, 8x24", 10' tower	Sep 1941		Rough mountainous country, forested.
Silverton 2 NE	San Juan	7656	37 48	107 40	9400 2 gages, 8x24", 10' towers	Oct 1939	Oct 1941	Rugged mountain valley. Records in this bulletin from gage No. 1. Gage No. 2 removed Oct 1941 and No. 1 removed Apr 1946. Climat station at same site.
Summitville	Rio Grande	8092	37 26	106 36	11,350 3 gages, 8x24", 20' towers	Oct 1941	Feb 1943	Rugged mountain terrain. Records in this bulletin from gage No. 1. Gage No. 2 removed Oct 1941. Climat station same location until Oct 1947.
Taylor Park	Gunnison	8184	38 49	106 37	9206 1 gage, 8x24", ground exposure	Oct 1950		Records available Oct 1941 to Oct 1942. Not published in this bulletin as Climat station at same site.
Trout Lake	San Miguel	8454	37 50	107 53	9700 1 gage, 8x24", 8' tower (unshielded)	Sep 1958		Rugged mountain terrain near small lake. Climat station at same site prior to Sep 1958.
Winter Park	Grand	9175	39 54	105 46	9058 3 gages, 8x24", 10' towers	Dec 1939	Sep 1942	Mountainous terrain. Two gages Dec 1939. Third gage Feb 1940 to Sep 1942. Average of gages and use published in this bulletin. Climat records same location beginning Oct 1942.
Wolf Creek Pass 1 E	Mineral	9181	37 29	106 47	10,642 2 gages, 8x24", 20' towers	Sep 1941	Dec 1942	Records in this bulletin from gage No. 1. Gage No. 2 removed Dec 6, 1942. Sometimes called Wolf Creek Pass No. 2. Climat station at this site began Dec 12, 1957.
Wolf Creek Pass 4 W	Mineral	9183	37 29	106 52	9425 1 gage, 22' standpipe	Sep 1948	Aug 1955	Rugged mountain terrain. Climat station same site.
								Moved to a new site 250 yards downhill. Climat station not moved.
								NOTE: All gages shielded except as otherwise noted.
								Gages listed with ground exposure are equipped with the standard support which places orifice about three feet above ground level.

Station Description and History

NEW MEXICO

Index number	Station	County	Storage precipitation stations	Type of gage; height of tower or gage	Period of record		Remarks
					From	To	
0119	Adobe Ranch	Catron	7420 1 gage, 8x24", 10' tower	Dec 1941	Jul 1955		Holling grass land. Broken record. Records full in some missing data from climat station at same site. Climat's observations continued.
0139	Aqua Piedra Lodge	Taos	8300 1 gage, 8x24", 10' tower	Oct 1941	Sep 1943		Records in this bulletin from gage No. 2. Gages No. 1, 4, and 5 closed Dec 1940. No. 3 closed Apr 1941. Winter readings only. Standard rain gage same location until Sep 1948. Records comparable. Mountainous country. In N-S canyon.
0606	Aspen Grove Ranch	Rio Arriba	9500 5 gages, 8x24", 10' towers 1 gage, 8x24", 10' tower	Dec 1937	Apr 1946		Storage gage records from Dec 1937 to Dec 1944 not published. Five gauges Nov 1937. Gages No. 1 and 5 continued Dec 1940 and Nov to Dec 1944. Winter readings only. Mountainous country. On high mesa at edge of forest. Climat station same site.
none	Aurora	Colfax	9100 5 gages, 8x24", 10' towers	Oct 1946	Sep 1949		On S slope above arroyo. Mountains N rough rocky canyon. Records from 1950 not published in this bulletin. Climat station same site.
0646	Bateman Ranch	Rio Arriba	8200 1 gage, 8x24", 10' tower	Nov 1937	Apr 1949		Record in this bulletin from gage No. 1. Five gages in operation Nov 1937 to Apr 1940; 3 gages Nov 1940 to Apr 1941; 1 gage Jun 1941 to Aug 1941; 2 gages Sep 1941 to Apr 1948; 1 gage after Dec 1949. Standard rain gage same site. On mesa in mountainous country.
0795	Big Tesuque Ski Course	Santa Fe	9500 1 gage, 8x24", 10' tower	Jan 1942	Oct 1945		At upper end of E-W canyon, mountains E-N, wooded. Moved about 2 miles NW.
0963	Black Lake	Colfax	9800 1 gage, 8x24", 10' tower	Oct 1945	Dec 1941		Records in this bulletin are average of 5 gages Nov 1937 to Apr 1940; 3 gages Dec 1940 to May 1941; 1 gage thereafter. Winter operation only. Climat station same location.
1000	Buford Lake	Rio Arriba	8348 5 gages, 8x24", 10' towers	Nov 1937	Dec 1945		Mountainous country. E slope, rising mesa. Standard rain gage same site. Rough, barren mountain country. Formerly called Stinking Lake--precip.-only station--was equipped with standard rain gage from Oct 1948, very broken record.
1275	Capillo Peak	Torrance	8338 1 gage, 8x24", 10' tower	Oct 1951			Top of mountain, timber E, cliffs and sharp drop W. Subject to high winds. Difficulty in keeping shield on gage. Taller can installed--shield removed.
1438	Capitan Crest	Otero	7200 1 gage, 8x24", 7' tower	Mar 1957			On top of mountain in wide meadow. Isolated peak subject to high winds.
1442	Carissa Lookout	Lincoln	9600 1 gage, 8x24", 15' tower	Oct 1942	May 1958		Top of timbered ridge, protected from high winds.
1512	Cedar Creek Ski Course	Lincoln	8444 1 gage, 8x24", 15' tower	Oct 1942			Mountainous timbered country.
1578	Chacon	Mora	7830 1 gage, 8x24", 10' tower	Feb 1942			Records in this bulletin are average of 5 gages in use. Five gages Nov 1937, 3 gages Dec 1940; 2 gages Nov 1941-1942. Winter readings only. Mountainous country, 500 feet above valley floor. Standard rain gage same site.
1653	Cloudcroft No. 2		8510 5 gages, 8x24", 10' towers	Nov 1937	Feb 1945		Shield removed in Jul 1953.
1664	Chama	Rio Arriba	1 gage, 8x24", 10' tower (unshielded)	Jul 1953			Records in this bulletin are average of all gages in use. Five gages Nov 1937 to Nov 1940; 3 gages Dec 1940 to Apr 1941; 1 gage thereafter. Winter readings only. Mts. in wooded mountainous country. River nearby. Climat station same location.
36 54	Cottonwood Pass	Otero	7850 5 gages, 8x24", 10' towers 1 gage, 8x24", 10' tower 7851 1 gage, 8x24", 10' tower 7800 1 gage, 8x24", 10' tower	Nov 1937	Mar 1944		On crest of mountain in open area surrounded by timber.
36 53	Cowles 1 SE	San Juan	8645 1 gage, 8x24", 10' tower	Jun 1942	Jun 1951		Mountain crest, well protected. Shield removed Jun 1951.
36 53	Eagle Nest	San Miguel	8650 1 gage, 8x24", 10' tower (unshielded)	Jun 1951	Oct 1954		Mountain crest above valley meadow.
36 33	Colfax	2119	8600 1 gage, 8x24", 6' tower	Oct 1951			Climat station same site to Jul 1952. On hillside above valley.
36 33	Cloudcroft No. 2	2142	8800 1 gage, 8x24", 10' tower	Sep 1950			Records in this bulletin are average of all gages used. Five gages Nov 1937 to Apr 1939; 4 gages Feb to Apr 1940; 2 gages Dec 1940 to May 1941; 1 gage thereafter. Winter readings only. Flat basin surrounded by mountains near lake. Climat station same site.
36 33	Cowles 1 SE	2700	8240 5 gages, 8x24", 10' towers	Nov 1937	Mar 1946		Moved from evaporation enclosure--15 feet SW, Sep 1956.
36 33	Eagle Nest		1 gage, 8x24", 10' tower 1 gage, 8x24", 10' tower	Oct 1950	Sep 1956		Moved from evaporation enclosure--15 feet SW, Sep 1956.

Appendix

Station Description and History
Storage precipitation stations

NEW MEXICO

Station	County	Period of record	Remarks			
			From	To	Type of gage; height of tower or gage	(feet, miles E, miles N, miles W)
Elk Cabin	Santa Fe	Oct 1944	Oct 1939	Jul 1955	West side Sangre de Cristo Range, NW side of valley. Wall sheltered except to SW. Records in this bulletin from No. 2 gage. No. 1 closed Dec 1941, No. 3 in May 1953. Station closed Jul 1955. In narrow valley of Silver Creek.	8500 1 gage, 8x24", 9' above ground
Funny Ranch	Catron	Nov 1939	Jul 1955	In clearing across road from Ranger Station.	7400 3 gages, 8x24", 8' towers	33 23 108 44
Gallinas Canyon	San Miguel	Jun 1949	Jun 1951	Greatly rolling high mesa in moderate to heavy pines.	7400 1 gage, 8x24", 8' tower	35 42 103 26
Gwynn Camp	Catron	Jul 1955	Jul 1956	On valley floor in mountains.	7980 1 gage, 8x24", 10' tower	33 32 108 31
Harvey's Upper Ranch	San Miguel	Oct 1944	Oct 1944	Level area, on side of Hondo Canyon.	8550 1 gage, 8x24", 15' tower	35 45 105 28
Hondo Canyon	Taos	Jul 1957	Sep 1957	Three gauges until Nov 1941, 2 gages thereafter. Records Jun 1940 to Jan 2, 1946 from Gage No. 1 only. In narrow canyon, mountainous, wooded country. Standard rain gage same location. Moved 5 miles SW Aug 1954 to McCaulay.	10,500 1 gage, 8x30", 10' tower	36 37 105 26
Imman Ranch	Sierra	Aug 1939	Aug 1954	Rolling mesa in rough, mountainous, wooded country. Records in this bulletin average 5 gages Nov 1938 to Apr 1941, 1 gage to Dec 1941. Climat station same site.	7800 3 gages, 8x24", 8' towers	33 24 107 54
Irvin's Ranch	San Miguel	Nov 1949	Sep 1957	High ridge of mountains, very windy, timber 100 feet lower. Winter readings Relocated 3/10 mile SW.	1 gage, 8x24", 8' tower	none 105 36
La Mosca Peak	Valencia	Dec 1941	Sep 1950	Partly timbered, mountainous country.	9698 5 gages, 8x24", 8' towers	4668 105 36
Lagunitas	Rio Arriba	Sep 1943	Sep 1955	Records in this bulletin from Gage No. 1. Five gages Nov 1937 to Mar 1941; 1 gage Jun to Dec 1941. Winter readings only. Mountainous, timbered country. Climat station same site. Station closed.	11,000 1 gage, 8x24", 15' tower	4720 106 19
Loc Ranch	Sandoval	Jul 1955	Jul 1955	Rough mountain country. In San Cristobal Creek Valley. Station closed Aug 1957.	10,630 1 gage, 8x30, 10' tower	35 30 106 30
Lobo Peak	Taos	Sep 1935	Sep 1935	On barren mountain top. Station closed May 1946.	10,300 1 gage, 8x24", 10' tower	5020 105 34
Madalema Baldy	Socorro	Oct 1935	May 1948	Relocated 5 miles SW of Loman Ranch. Standard rain gage same site. Gage moved 11 miles SW, called 'No Own Strip', May 1958.	10,000 1 gage, 8x36", 15' tower	5355 107 12
McCauley	Sierra	Oct 1955	Oct 1955	On top sharp divide. Very rugged wooded terrain.	6970 1 gage, 8x24", 8' tower	5532 107 57
McKnight	Grant	Oct 1954	Oct 1954	At edge of 'No Own Strip' on Me Own Flats. Rough mountainous area surrounding.	9560 1 gage, 8x24", 8' tower	5585 107 52
No Own Strip	Catron	Oct 1955	Oct 1955	High mountain meadow.	7800 1 gage, 8x24", 5' tower	5630 108 01
Midnight Mine	Taos	Jul 1957	Jul 1957	On top mountain peak. Small timber in vicinity.	10,420 1 gage, 8x36", 10' tower	5695 105 22
Montjean Lookout	Lincoln	Oct 1942	Dec 1948	Moved 3/10 miles NW, 130 feet lower. Shield removed.	9030 1 gage, 8x24", 10' tower	5830 105 44
Mount Washington	Socorro	Oct 1949	Oct 1952	Top highest peak in northern San Mateo Mountains.	8800 1 gage, 8x24" (unshielded) 10' tower	5956 107 29
Red River	Taos	Jul 1955	Dec 1941	Heavily wooded mountainous country.	10,290 1 gage, 8x30", 10' tower	7323 105 24
Sandia Ski Course	Bernalillo	Jul 1956	Jul 1956	In clearing on E side of forested mountain range. Summit 780 feet higher 1 and 1/2 miles NW.	8650 1 gage, 8x24", 10' tower	8023 106 25
Sandy Point	Catron	Jun 1947	Jun 1947	Rough timbered mountainous country, on spur about 300 foot above valley. Records 3 gages Dec 1940 to Mar 1941; 2 gages Nov to Dec 1941. Winter readings only.	9630 1 gage, 8x30", 8' tower	8040 108 40
Santa Fe Lake	Santa Fe	Nov 1950	Mar 1948	Standard rain gage same site to Apr 1943. Five gages Nov 1937 to Dec 1940; 3 gages Dec 1940 to Mar 1941; 1 gage Jul 1941 to Nov 1941; 2 gages Nov 1941 to Dec 1941; 1 gage Jan 1942 to Feb 1943; 2 gages Feb 1943 to Mar 1948.	11,600 1 gage, 8x30", 13' tower	8089 105 46
Taos Canyon	Taos	Feb 1953	Feb 1953	Records in this bulletin obtained from average of all gages used. Five gages to Apr 1940; 3 gages Dec 1940 to Mar 1941; 2 gages Nov to Dec 1941. Winter readings only.	8440 5 gages, 8x24", 10' towers	8673 105 23
					8325 1 gage, 8x24", 10' tower	36 23 105 25

Station Description and History

NEW MEXICO

Station	County	Storage precipitation stations				Remarks		
		Index number	Latitude N. (deg. & min.)	Longitude W. (deg. & min.)	Elevation (feet, msl)	Type of gage; height of tower or gage	Period of record	
From	To							
Terrero Tinatchi Peak	San Miguel McKinley	8788 8923	35 46 35 55	105 40 108 52	7500 8400	1 gage, 8x24", 8' tower 1 gage, 8x24", 8' tower (unshielded)	Oct 1951 Oct 1951	Narrow valley of Pecos River. Mountains E and W. Climat station same location.
Tres Piedras	Taos	9085	36 39	105 58	8076	5 gages, 8x24", 10' towers 1 gage, 8x24", 10' tower	Nov 1937 Sep 1936	Level bench land in mountainous country, sparse timber. Station closed.
Truchas	Rio Arriba	9113	36 02	105 49	8110 8050	1 gage, 8x24", 10' tower 1 gage, 8x24", 10' tower	Oct 1951 Sep 1955	Records in this bulletin from GAGE No. 1. Five gages Nov 1937 to Apr 1940; Plates, rocky and barren. Climat station same site.
Vaqueiros Vermejo Park	Rio Arriba Colfax	9370 none	36 46 36 54	107 12 105 39	8225 6975 7550	5 gages, 8x24", 10' towers 1 gage, 8x24", 10' tower 2 gages, 8x24", 8' tower 10 towers	Nov 1937 Sep 1953	Moved short distance. Records in this bulletin average of all gages. Five gages Nov 1937 to Apr 1940; 3 gages Nov 1940 to Apr 1941; 2 gages Sep to Dec 1941; 1 gage Jun 1942, 2 gages Nov 1942 to Mar 1944; 1 gage thereafter. On high mountain ridge in rugged country. Climat station same site.
Washington Pass	San Juan	9668	36 08	109 02	7450	1 gage, 8x24", 6' tower (unshielded)	Sep 1955	Moved short distance. High, wide sloping valley, no timber.
Whiskey Creek	Catron	9760	33 24	108 35	8100	1 gage, 8x30", 10' tower	Oct 1951	Timbered plateau, slightly rolling. In canyon in mountainous country. Standard rain gage at same location until Oct 1950.
Willow Creek RS	San Miguel	none	35 49	105 40	8100	5 gages, 8x24", 10' towers 2 gages, 8x24", 10' towers	Nov 1937 Nov 1944	In this bulletin average of gages used. Five gages Nov 1937 to Apr 1940; 3 stages Dec 1940 to Mar 1941; 1 gage Oct to Dec 1941. Climat station at S ^o location. Name changed later to Cowles (Index No. 2139). Winter readings only. In narrow valley, high mountains E and W. Station closed.
Wirt	Rio Arriba	9809	36 48	106 56	8700	1 gage 8x36", 8' tower	Nov 1948	Rocky mountain peak. Scattered fir trees. Sharp drop to S. Station closed Oct 1958.
Wolf Canyon	Sandoval	9820	35 58	106 47	8000	2 gages, 8x24", 10' towers 1 gage, 8x24", 10' tower	Sep 1941 Nov 1950	Records in this bulletin from No. 2 gage. In canyon of Rito Pinos Negras. Forested, high ridges N and S. Station was called Seisor Ranch. Climat station same location.
				106 46	8150	1 gage, 8x24", 10' tower	Jul 1952	Open valley of Rio do las Vacas. Timbered ridges on either side. Climat station same location.

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